

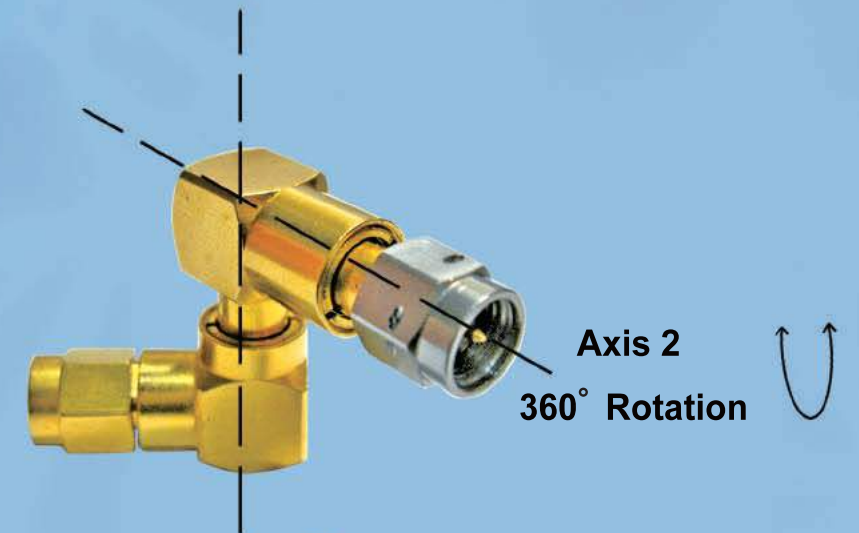
JYEBAO

JYEBAO

**MULTI-DIRECTIONAL
ADAPTOR (PATENTED)**



Axis 1
360° Rotation



Axis 2
360° Rotation



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INTRODUCTION

『捷寶』(Jyebao), the company name, means 'quick and agile' and reflects our business philosophy. Jyebao is a vertically integrated company that designs and produces RF connectors, adaptors, cable, cable assemblies & passive components in house. Vertical integration allows for complete control over the entire production process and ensures good quality, short lead times & competitive prices.

RF Connectors

This catalogue contains 36 connector series and new are MMJX, SMPM, 2.4, BNC HDTV and TWB/BNC connector series. Please contact us if you do not find what you need: we specialize in customized solutions.

RF Adaptors

This catalogue contains over 600 adaptor types. New are NMD adaptors, low PIM adaptors and Jyebao patented multi-directional adaptors that rotate 360 degrees around two axis.

RF Cable

Jyebao manufactures a very complete list of coaxial cables, most of which are in stock and can be supplied on short notice.

RF Cable Assemblies

This catalogues offers over 5000 standard cable assembly types the individual data sheets of which can be downloaded from the Jyebao website. Also note our special phase stable test cable with rigid lines to connect a VNA to DUT.

RF Components

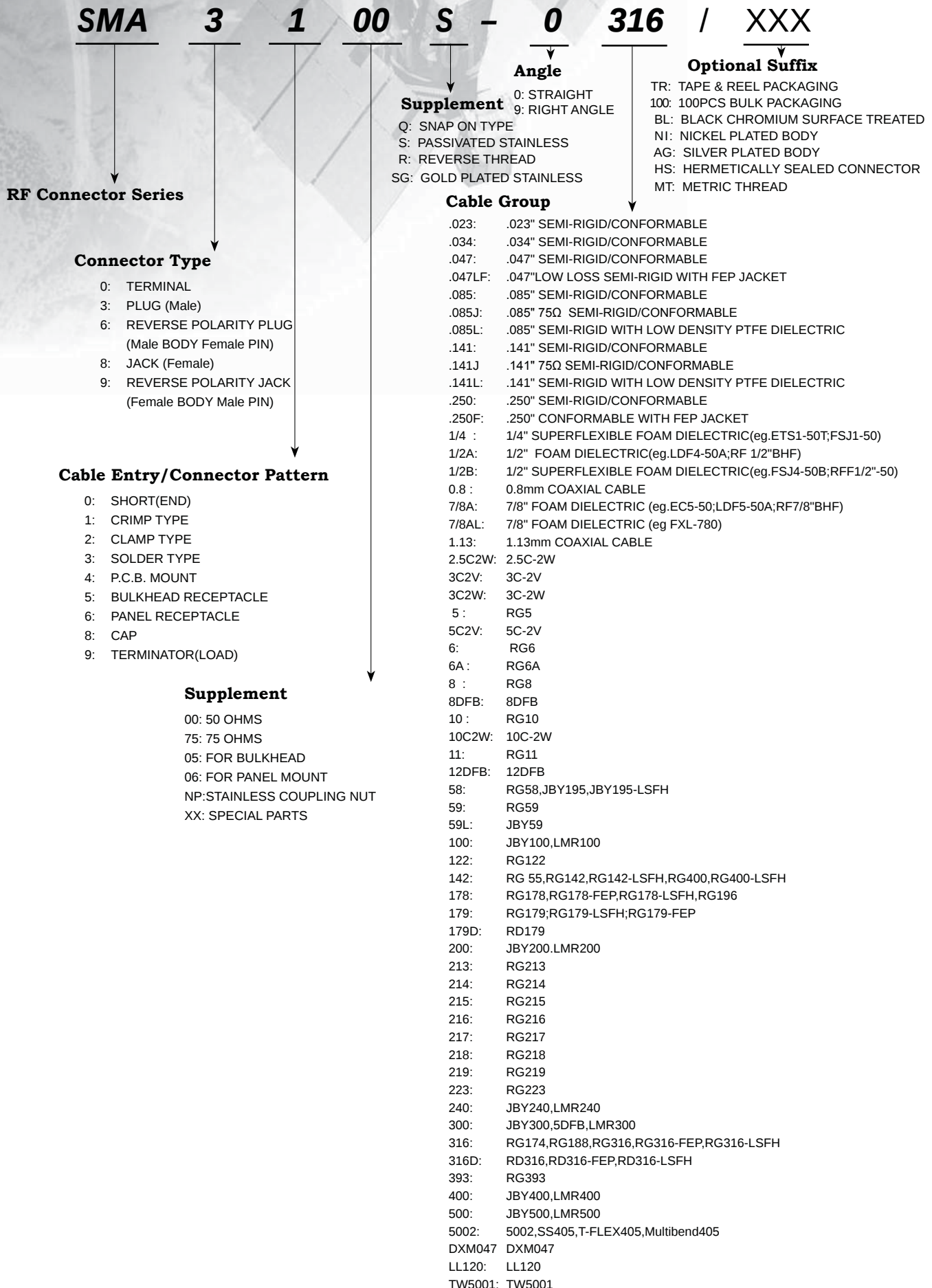
Very popular are our fixed attenuators, matching pads, DC Blocks and high power terminations. New are T-port field calibration tools and rotary joints.

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RF CONNECTORS PART NUMBERING SYSTEM



SNAP ON SERIES

Microwave Subminiature Coaxial Connectors

SNAP ON

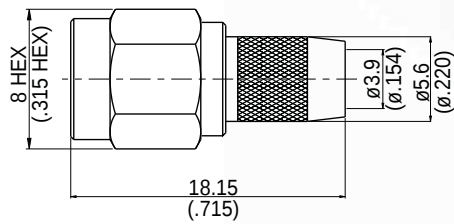


Figure 1

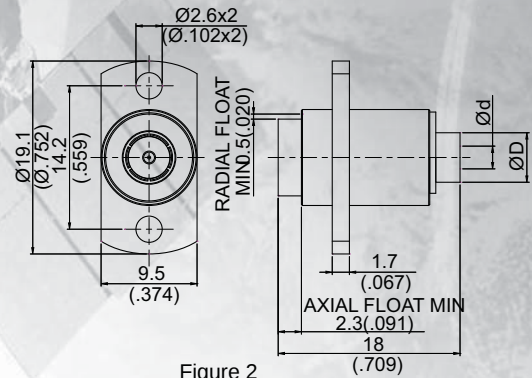


Figure 2

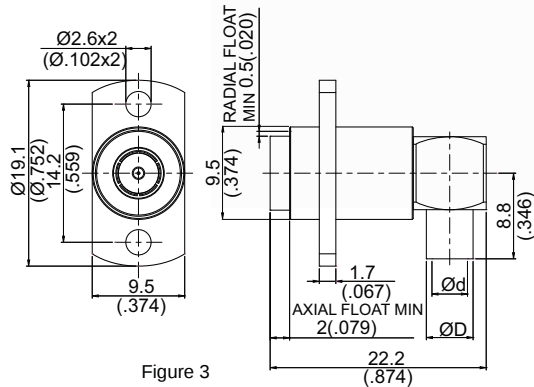


Figure 3

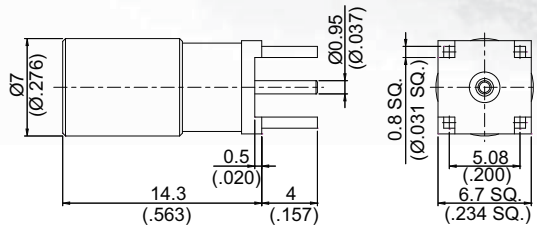


Figure 4

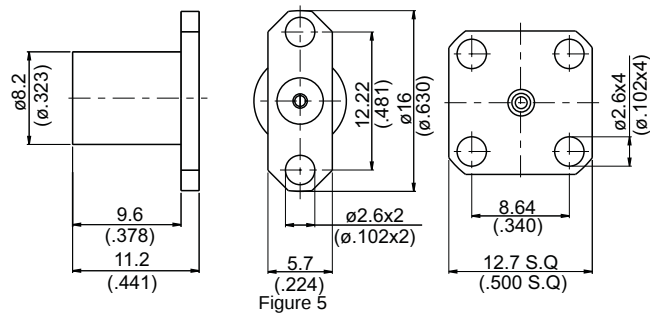


Figure 5

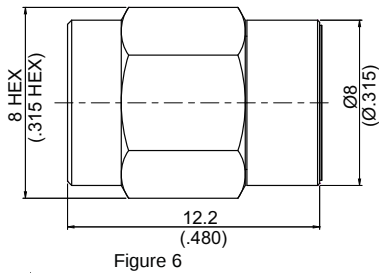


Figure 6

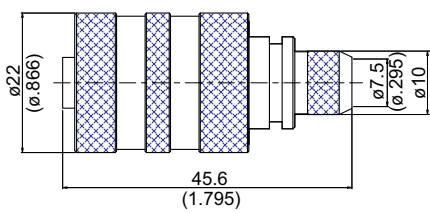
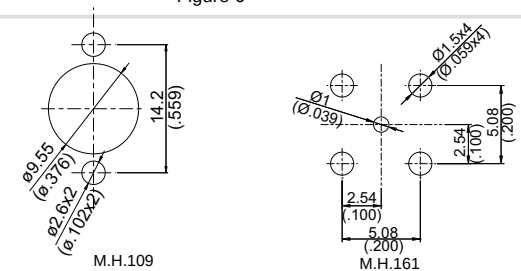


Figure 7



PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
SNAP ON SMA PLUG CRIMP								
SMA3100SQ-L240	1			240	A13	v*	v*	No Locking-Mechanism
SNAP ON SMA PLUG SOLDER FOR PANEL RECEPTACLE								
SMA3362Q-0085/W	2	d=2.25(.089) D=4.9(.193)	109	.085	A11	v		No Locking-Mechanism
SMA3362Q-0141/W	2	d=3.7(.146) D=4.6(.181)	109	.141	A11	v		No Locking-Mechanism
SNAP ON SMA PLUG SOLDER FOR PANEL RECEPTACLE RIGHT ANGLE								
SMA3362Q-9141/LDW	3	d=3.65 (.144) D=4.8(.189)	109	.141L	A11	v		No Locking-Mechanism
SMA3362Q-9141/W	3	d=3.65 (.144) D=4.8(.189)	109	.141	A11	v		No Locking-Mechanism
SMA3362Q-9085/W	3	d=2.25 (.089) D=3.85(.152)	109	.085	A11	v		No Locking-Mechanism
SNAP ON N PLUG CRIMP								
N31SQ-0400	7			400	A11	v	C7	With Locking Mechanism;Snap On Coupling Nut And Then Give a Little Turn
SNAP ON SMA PLUG P.C.B MOUNT								
SMA3400Q-0000	4		161		A1			No Locking-Mechanism
SNAP ON SMA PLUG FOR PANEL RECEPTACLE								
SMA3640Q-0000	5				B4			No Locking-Mechanism;Epoxy Captivation
SNAP ON SMA PLUG TERMINATOR								
SMA3900Q-0008B	6				A1			No Locking-Mechanism;VSWRs1.2 Up To 8GHz ; 2W Average Power

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 376

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SMA SERIES

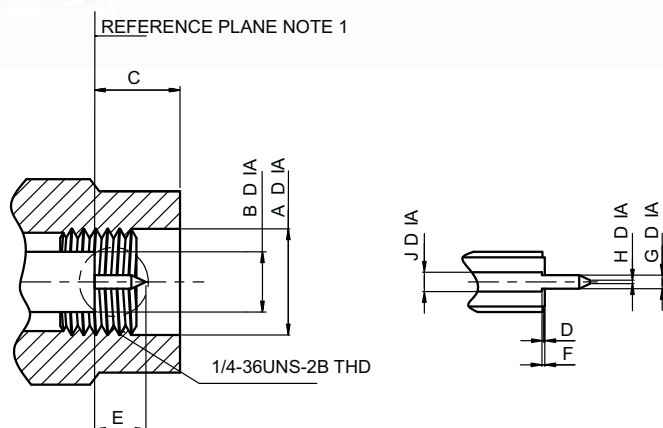
Microwave Subminiature Coaxial Connectors

FEATURES

SMA connectors are precision connectors for microwave applications up to 18GHz. The main features are high mechanical strength, high durability and low VSWR.

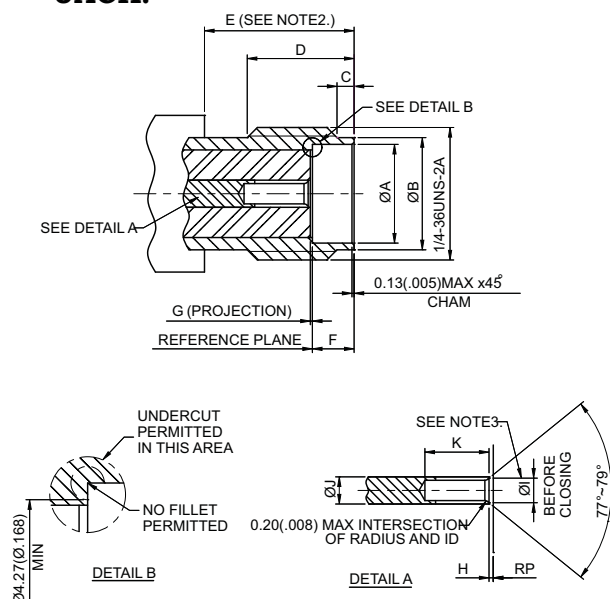
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	6.35(.250)	—
B	—	4.59(.181)
C	—	3.43(.135)
D	0.13(.005)	0.18(.007)
E	—	2.54(.100)
F	0.00	0.25(.010)
G	0.90(.035)	0.94(.037)
H	0.00	0.38(.015)
J	1.24(.049)	1.30(.051)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.597(.181)	—
B	5.28(.208)	5.49(.216)
C	0.38(.015)	1.14(.045)
D	4.32(.170)	—
E	5.54(.218)	—
F	1.88(.074)	1.98(.078)
G	0.00(.000)	—
H	0.00(.000)	0.25(.010)
I	1.09(.043)	1.19(.047)
J	1.24(.049)	1.29(.051)
K	2.67(.105)	—

NOTES

1. WHEN FULLY ENGAGED THESE TWO REFERENCE PLANES MUST COINCIDE WITH METAL CONTACT.
2. CLEARANCE FOR MATING CONNECTOR COUPLING NUT.
3. DIMENSION TO MEET VSWR, MATING CHARACTERISTICS, AND CONNECTOR DURABILITY WHEN MATED WITH A .0355 - .0370 DIAMETER PIN.
4. JYEBAO SMA CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD-348A

TECHNICAL DATA

Electrical Data	Straight Connectors				Right Angle Connectors			
Cable Type	Semi-Rigid		Flexible		Semi-Rigid		Flexible	
Cable Dielectric Diameter	1.68(.066)	3(.118)	1.5(.059)	2.95(.116)	1.68(.066)	3(.118)	1.5(.059)	2.95(.116)
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	1000	1500	750	1000	1000	1500	750	1000
Working Voltage (at sea level, in V rms, 50 Hz)	≤335	≤500	≤250	≤335	≤335	≤500	≤250	≤335
Corona Extinction Voltage (at 21000m, in V rms, 50 Hz)	250	375	190	250	250	375	190	250
Impedance	50Ω							
Frequency Range	DC up to 18GHz							
Insulation Resistance	≥5000MΩ							
Contact Resistance Inner conductor	≤3mΩ							
Contact Resistance Outer conductor	≤2mΩ							

Mechanical Data	Brass	Stainless and gold/CuBe
Recommended Coupling Nut Torque	4 in.-lbs	7 to 9.5 in.-lbs
Coupling Proof Torque	5.3 in.-lbs	15 in.-lbs
Coupling Nut Retention Force	≥60.7 lbs	≥60.7 lbs
Contact Captivation-axial	≥6.1 lbs	≥6.1 lbs
Durability (matings)	≥100	≥500

Environmental Data	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR

	Frequency Range						Cable Type
	1GHz	3GHz	6GHz	10GHz	12.4GHz	18GHz	
Typical VSWR for SMA Straight Connectors	1.06	1.06	1.16	1.3	/	/	RG55, RG142, RG223, RG400
	1.06	1.06	1.2	/	/	/	RG58
	1.06	1.06	1.2	/	/	/	RG174, RG188, RG316
	1.06	1.06	1.15	/	/	/	RG178, RG196
	1.03	1.03	1.03	1.1	1.3	/	Semi-rigid .085
	1.03	1.03	1.03	1.1	1.25	1.3	Semi-rigid .141
Typical VSWR for SMA Right Angle Connectors	1.07	1.07	1.23	1.28	/	/	RG55, RG142, RG223, RG400
	1.07	1.07	1.23	/	/	/	RG58
	1.07	1.1	1.3	/	/	/	RG174, RG188, RG316
	1.07	1.1	1.3	/	/	/	RG178, RG196
	1.05	1.1	1.2	/	/	/	Semi-rigid .085
	1.03	1.03	1.1	1.25	1.3	/	Semi-rigid .141

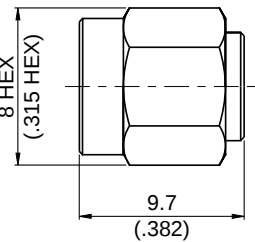


Figure 1

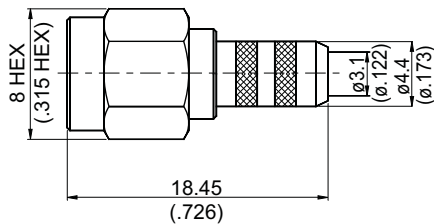


Figure 2

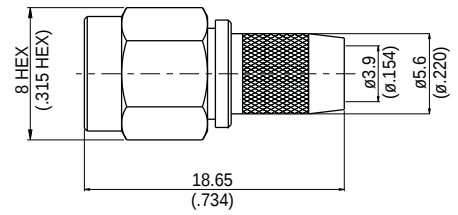


Figure 3

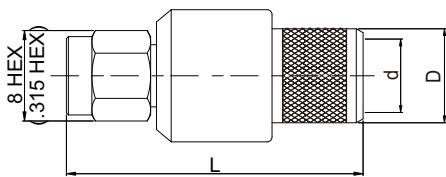


Figure 4

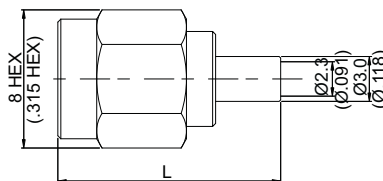


Figure 5

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry	Crimp	Crimp Insert	Remarks
					Solder	Crimp		
SMA PLUG SHORT END								
SMA3000-0000	1			A4				
SMA PLUG CRIMP								
SMA3100-0058	2		58	A4	v*	v*	B7/B1	
SMA3100-0058/W	2		58	A11	v*	v*	B7/B1	Tin-zinc-copper Plating
SMA31NP-0058	2		58	A7	v*	v*	B7/B1	Stainless Nut
SMA3100S-0058	2		58	A6	v*	v*	B7/B1	Stainless
SMA3100RS-0058	2		58	A6	v*	v*	B7/B1	Reverse Thread ;Stainless
SMA6100-0058	2		58	B4	v*	v*	B7/B1	Reverse Polarity Plug
SMA6100S-0058	2		58	B6	v*	v*	B7/B1	Reverse Polarity Plug; Stainless
SMA6100RS-0058	2		58	B6	v*	v*	B7/B1	Reverse Thread; Stainless ; Reverse Polarity Plug
SMA3100-0142	2		142	A4	v		B7	
SMA3100-0142/W	2		142	A11	v		B7	Tin-zinc-copper Plating
SMA31NP-0142	2		142	A7	v		B7	Stainless Nut
SMA3100S-0142	2		142	A6	v		B7	Stainless
SMA6100-0142	2		142	B4	v		B7	Reverse Polarity Plug
SMA6100S-0142	2		142	B6	v		B7	Reverse Polarity Plug; Stainless
SMA3100-0223	2		223	A4	v*	v*	B8/B2	
SMA3100-0223/W	2		223	A11	v*	v*	B8/B2	Tin-zinc-copper Plating
SMA31NP-0223	2		223	A7	v*	v*	B8/B2	Stainless Nut
SMA3100S-0223	2		223	A6	v*	v*	B8/B2	Stainless
SMA6100-0223	2		223	B4	v*	v*	B8/B2	Reverse Polarity Plug
SMA6100S-0223	2		223	B6	v*	v*	B8/B2	Reverse Polarity Plug; Stainless
SMA3100-L200	2		200	A4	v		B7	
SMA6100-L200	2		200	B4	v		B7	Reverse Polarity Plug
SMA3100-L240	3		240	A4	v*	v*	E4/E1	
SMA6100-L240	3		240	B4	v*	v*	E4/E1	Reverse Polarity Plug
SMA3100-0213	4	L=30.3(1.193) d=7.5(.295) D=9.6(.378)	213	A11	v		C7	
SMA3100-0214	4	L=30.3(1.193) d=7.5(.295) D=9.6(.378)	214	A11	v*	v*	C7/C4	
SMA3100-L300	4	L=29.8(1.173) d=5.2(.205) D=6.8(.268)	300	A11	v		D3	
SMA6100-L300	4	L=29.8(1.173) d=5.2(.205) D=6.8(.268)	300	B11	v		D3	Reverse Polarity Plug
SMA3100-L400	4	L=30.3(1.193) d=7.5(.295) D=9.6(.378)	400	A11	v		C7	
SMA6100-L400	4	L=30.3(1.193) d=7.5(.295) D=9.6(.378)	400	B11	v		C7	Reverse Polarity Plug
SMA3100-L500	4	L=30.3(1.193) d=9.8(.386) D=11.7(.461)	500	A11	v		F1	
SMA6100-L500	4	L=30.3(1.193) d=9.8(.386) D=11.7(.461)	500	B11	v		F1	Reverse Polarity Plug
SMA3100A-0178	5	L=14.9(.587)	178	A4	v*	v*	A9/A6	
SMA6100-0178	5	L=13.7(.540)	178	B4	v*	v*	A9/A6	Reverse Polarity Plug

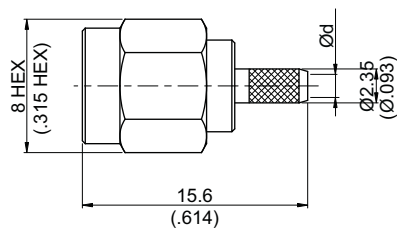


Figure 1

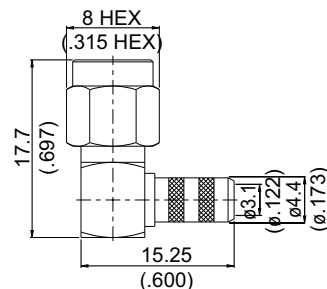


Figure 2

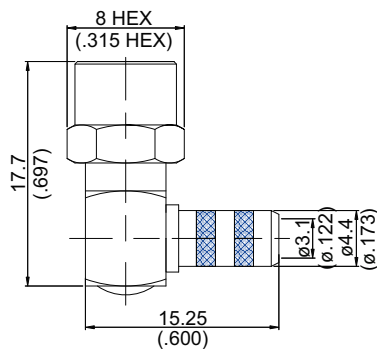


Figure 3

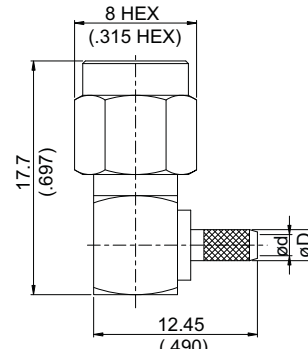


Figure 4

Figure 3					Figure 4			
PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
SMA PLUG CRIMP								
SMA3100-0316	1	ød=1.6(.063)	316	A4	v*	v*	A17/A7	
SMA3100-0316/W	1	ød=1.6(.063)	316	A11	v*	v*	A17/A7	Tin-zinc-copper Plating
SMA31NP-0316	1	ød=1.6(.063)	316	A7	v*	v*	A17/A7	Stainless Nut
SMA3100S-0316	1	ød=1.6(.063)	316	A6	v*	v*	A17/A7	Stainless
SMA6100-0316	1	ød=1.6(.063)	316	B4	v*	v*	A17/A7	Reverse Polarity Plug
SMA6100S-0316	1	ød=1.6(.063)	316	B6	v*	v*	A17/A7	Reverse Polarity Plug; Stainless
SMA3100D-0316	1	ød=1.6(.063)	316D	A4	v*	v*	A17/A7	
SMA3100D-0316/W	1	ød=1.6(.063)	316D	A11	v*	v*	A17/A7	Tin-zinc-copper Plating
SMA3100DS-0316	1	ød=1.6(.063)	316D	A6	v*	v*	A17/A7	Stainless
SMA6100D-0316	1	ød=1.6(.063)	316D	B4	v*	v*	A17/A7	Reverse Polarity Plug
SMA6100DS-0316	1	ød=1.6(.063)	316D	B6	v*	v*	A17/A7	Reverse Polarity Plug; Stainless
SMA3100-L100	1	ød=1.7(.067)	100	A4	v*	v*	A17/A7	
SMA3100S-L100	1	ød=1.7(.067)	100	A6	v*	v*	A17/A7	Stainless
SMA6100-L100	1	ød=1.7(.067)	100	B4	v*	v*	A17/A7	Reverse Polarity Plug
SMA6100S-L100	1	ød=1.7(.067)	100	B6	v*	v*	A17/A7	Reverse Polarity Plug; Stainless
SMA PLUG CRIMP RIGHT ANGLE								
SMA3100-9058	2		58	A4	v		B7	
SMA3100-9058/W	2		58	A11	v		B7	Tin-zinc-copper Plating
SMA3100R-9058	2		58	A4	v		B7	Coupling Nut With Reverse 1/4-36UNS-R-2B-Thread
SMA31NP-9058	2		58	A7	v		B7	Stainless Nut
SMA6100-9058	2		58	B4	v		B7	Reverse Polarity Plug
SMA61NP-9058	2		58	B7	v		B7	Reverse Polarity Plug ; Stainless Nut
SMA3100-9142	2		142	A4	v		B7	
SMA3100-9142/W	2		142	A11	v		B7	Tin-zinc-copper Plating
SMA31NP-9142	2		142	A7	v		B7	Stainless Nut
SMA3100S-9142	2		142	A6	v		B7	Stainless
SMA6100-9142	2		142	B4	v		B7	Reverse Polarity Plug
SMA61NP-9142	2		142	B7	v		B7	Reverse Polarity Plug ; Stainless Nut
SMA3100-9223	2		223	A4	v		B8	
SMA3100-9223/W	2		223	A11	v		B8	Tin-zinc-copper Plating
SMA31NP-9223	2		223	A7	v		B8	Stainless Nut
SMA6100-9223	2		223	B4	v		B8	Reverse Polarity Plug
SMA61NP-9223	2		223	B7	v		B8	Reverse Polarity Plug ; Stainless Nut
SMA3100-9L200	2		200	A4	v		B7	
SMA6100-9L200	2		200	B4	v		B7	Reverse Polarity Plug
SMA31SN-9058	3		58	A4	v		B7	Semi Hex Nut
SMA31SN-9142	3		142	A4	v		B7	Semi Hex Nut
SMA31SN-9223	3		223	A4	v		B8	Semi Hex Nut
SMA3100-9178	4	ød=1.0 (.039) øD=1.8 (.071)	178	A4	v		A10	
SMA31NP-9178	4	ød=1.0 (.039) øD=1.8 (.071)	178	A7	v		A10	Stainless Nut
SMA3100-9316	4	ød=1.6 (.063) øD=2.35 (.093)	316	A4	v		A17	
SMA3100-9316/W	4	ød=1.6 (.063) øD=2.35 (.093)	316	A11	v		A17	Tin-zinc-copper Plating
SMA6100-9316	4	ød=1.6 (.063) øD=2.35 (.093)	316	B4	v		A17	Reverse Polarity Plug
SMA31NP-9316	4	ød=1.6 (.063) øD=2.35 (.093)	316	A7	v		A17	Stainless Nut
SMA3100D-9316	4	ød=1.6 (.063) øD=2.35 (.093)	316D	A4	v		A17	
SMA3100D-9316/W	4	ød=1.6 (.063) øD=2.35 (.093)	316D	A11	v		A17	Tin-zinc-copper Plating
SMA31NPD-9316	4	ød=1.6 (.063) øD=2.35 (.093)	316D	A7	v		A17	Stainless Nut
SMA3100-9L100	4	ød=1.7 (.067) øD=2.35 (.093)	100	A4	v		A17	
SMA31NP-9L100	4	ød=1.7 (.067) øD=2.35 (.093)	100	A7	v		A17	Stainless Nut

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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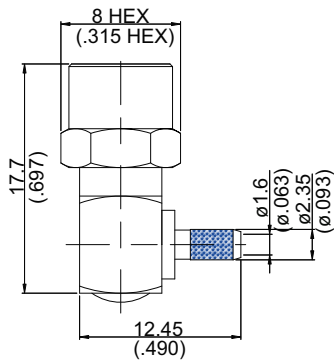


Figure 1

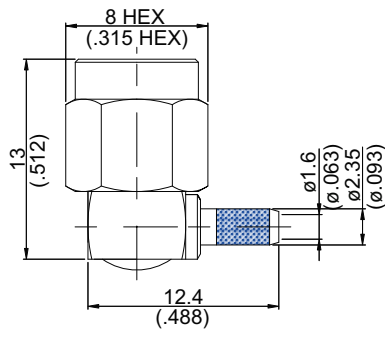


Figure 2

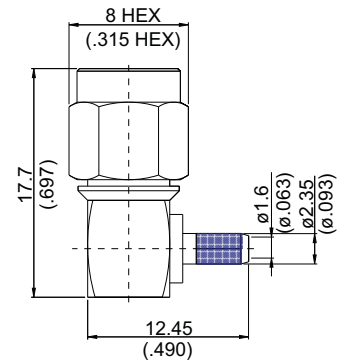


Figure 3

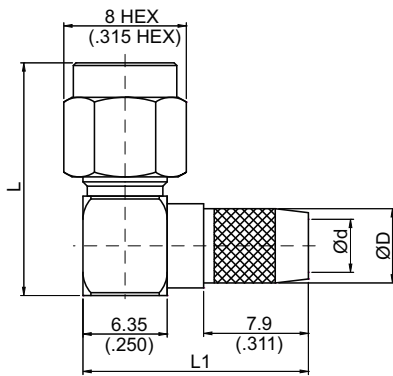


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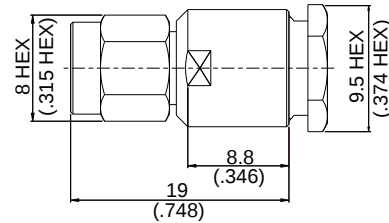


Figure 5

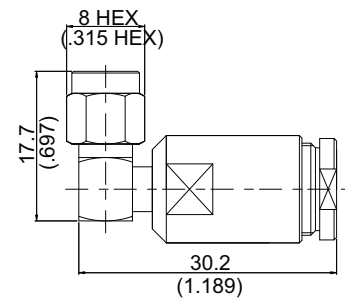


Figure 6

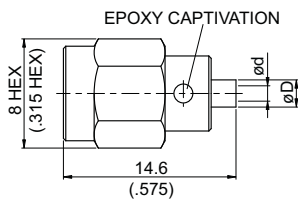


Figure 7

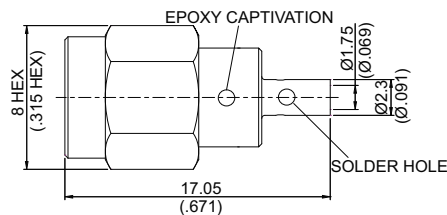


Figure 8

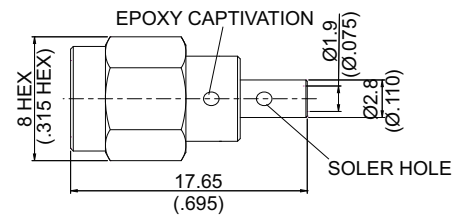


Figure 9

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Plug Pin		
SMA PLUG CRIMP RIGHT ANGLE								
SMA31SN-9316	1		316	A4	v		A17	Semi Hex Nut
SMA3100C-9316	2		316	A4	v		A17	Shorter Version of SMA3100-9316
SMA3100S-9316	3		316	A6	v		A17	Stainless
SMA3100-9L240	4	L=17.55(.691); L1=17(.669); ød=4(.157); øD=5.6(.220)	240	A4	v		E4	
SMA6100-9L240	4	L=17.55(.691); L1=17(.669); ød=4(.157); øD=5.6(.220)	240	B4	v		E4	Reverse Polarity Plug
SMA3100-9L300	4	L=19.5(.768); L1=18.3(.720); ød=5.2(.205); øD=7.25(.285)	300	A11	v		D3	
SMA6100-9L300	4	L=19.5(.768); L1=18.3(.720); ød=5.2(.205); øD=7.25(.285)	300	B11	v		D3	Reverse Polarity Plug
SMA PLUG CLAMP								
SMA3200-0142	5		58&142	A4	v			
SMA3200BC-0142	5		58&142	A7	v			Stainless Nut
SMA PLUG CLAMP RIGHT ANGLE								
SMA3200-95DF	6		300	A4		v		
SMA PLUG SOLDER								
SMA3300-0034	7	ød=1(.039); øD=2(.079)	.034	A4	v			Epoxy Captivation
SMA33NP-0034	7	ød=1(.039); øD=2(.079)	.034	A7	v			Stainless Nut; Epoxy Captivation
SMA3300-0047	7	ød=1.3(.051); øD=2.3(.091)	.047	A4	v			Epoxy Captivation
SMA33NP-0047	7	ød=1.3(.051); øD=2.3(.091)	.047	A7	v			Stainless Nut; Epoxy Captivation
SMA3300-0047/FEP	8		.047F	A4	v			Epoxy Captivation
SMA3300A-0178	9		178	A4	v			Epoxy Captivation
SMA6300A-0178	9		178	B4	v			Reverse Polarity Plug;Epoxy Captivation

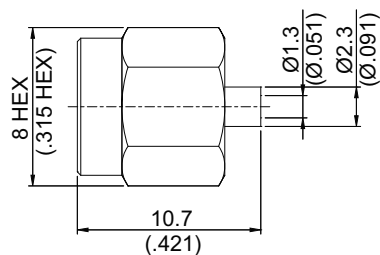


Figure 1

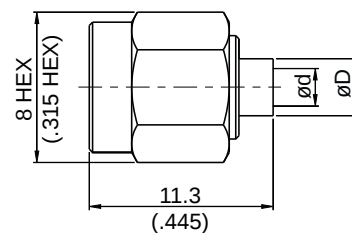


Figure 2

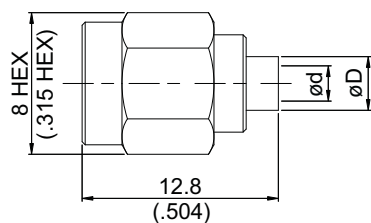


Figure 3

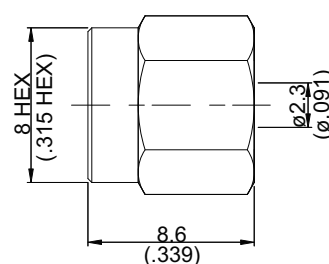


Figure 4

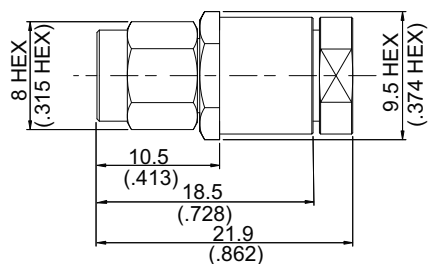


Figure 5

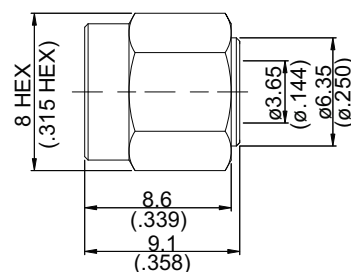


Figure 6

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
SMA PLUG SOLDER							
SMA33VT-0047	1		.047	A4	v		Shorter Version of SMA3300-0047
SMA3300-0085	2	ød=2.30 (.091) øD=3.5 (.138)	.085	A4	v		
SMA3300-0085/W	2	ød=2.30 (.091) øD=3.5 (.138)	.085	A21	v		Tin-zinc-copper Plated Nut
SMA33NP-0085	2	ød=2.30 (.091) øD=3.5 (.138)	.085	A7	v		Stainless Nut
SMA3300S-0085	2	ød=2.30 (.091) øD=3.5 (.138)	.085	A8	v		Stainless
SMA3300SG-0085	2	ød=2.30 (.091) øD=3.5 (.138)	.085	A15	v		Gold Plated Stainless
SMA3300-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141	A4	v		
SMA3300-0141/W	2	ød=3.65 (.144) øD=4.8 (.189)	.141	A21	v		Tin-zinc-copper Plated Nut
SMA3300S-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141.	A8	v		Stainless
SMA33BR-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141	4			BR= Brass Nut & No Insulator & No Center Pin
SMA33NP-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141	A7	v		Stainless Nut
SMA33ND-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141	7			Stainless Nut & No Insulator/No Pin
SMA33SND-0141	2	ød=3.65 (.144) øD=4.8 (.189)	.141	8			Stainless Connector No Insulator/No Pin
SMA6300-0085	3	ød=2.30 (.091) øD=3.5 (.138)	.85	B4	v		Reverse polarity plug
SMA6300-0141	3	ød=3.65 (.144) øD=4.8 (.189)	.141	B4	v		Reverse Polarity Plug
SMA3300A-0085	4		.085	A4	v		Shorter Version of SMA3300-0085
SMA3300A-0250	5		.250	A4	v		
SMA33NDB-0141	6		.141	7			Stainless Nut & No Insulator/No Pin

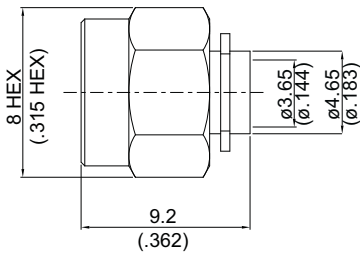


Figure 1

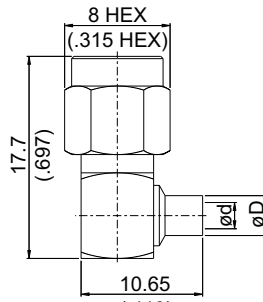


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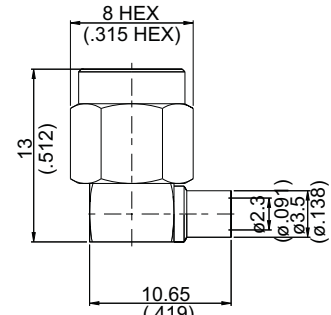


Figure 3

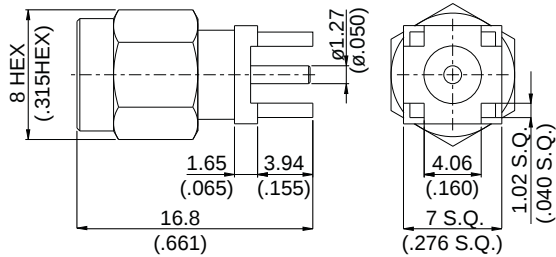


Figure 4

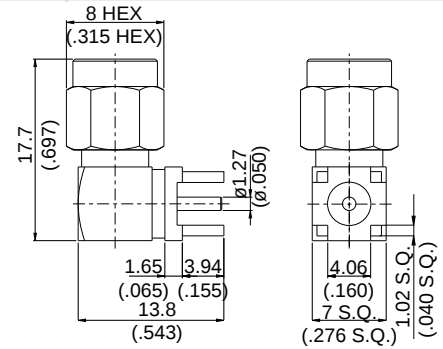


Figure 5

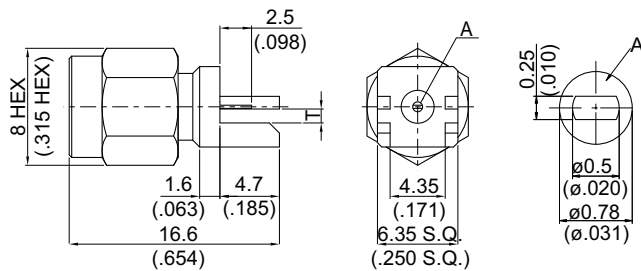
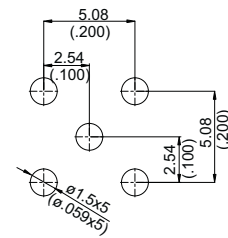


Figure 6



M.H.14

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
SMA PLUG SOLDER								
SMA33NV-0141	1			.141	7			Stainless Nut ;No Center Pin
SMA PLUG SOLDER RIGHT ANGLE								
SMA3300-9035	2	ød=1.00 (.039) øD=2.0 (.079)		.035	A4	v		
SMA33NP-9035	2	ød=1.00 (.039) øD=2.0 (.079)		.035	A7	v		Stainless Nut
SMA3300-9047	2	ød=1.30 (.051) øD=2.3 (.091)		.047	A4	v		
SMA33NP-9047	2	ød=1.30 (.051) øD=2.3 (.091)		.047	A7	v		Stainless Nut
SMA3300-9085	2	ød=2.30 (.091) øD=3.5 (.138)		.085	A4	v		
SMA3300-9085/W	2	ød=2.30 (.091) øD=3.5 (.138)		.085	A21	v		Tin-zinc-copper Plated Nut
SMA3300S-9085	2	ød=2.30 (.091) øD=3.5 (.138)		.085	A8	v		Stainless
SMA33NP-9085	2	ød=2.30 (.091) øD=3.5 (.138)		.085	A7	v		Stainless Nut
SMA3300-9141	2	ød=3.65 (.144) øD=4.8 (.189)		.141	A4	v		
SMA3300-9141/W	2	ød=3.65 (.144) øD=4.8 (.189)		.141	A21	v		Tin-zinc-copper Plated Nut
SMA6300-9141	2	ød=3.65 (.144) øD=4.8 (.189)		.141	B4	v		Reverse Polarity Plug
SMA3300S-9141	2	ød=3.65 (.144) øD=4.8 (.189)		.141	A8	v		Stainless
SMA33NP-9141	2	ød=3.65 (.144) øD=4.8 (.189)		.141	A7	v		Stainless Nut
SMA3300A-9085	3			.085	A4	v		Shorter Version of SMA3300-9085
SMA3300A-9085/W	3			.085	A21	v		Tin-zinc-copper Plated Nut
SMA33NPA-9085	3			.085	A7	v		Stainless Nut
SMA330A-9405	3			5002	A4	v		R/A plug for low loss cable
SMA3300C-9405	3			5002	A4	v		R/A plug for low loss cable
SMA PLUG P.C.B MOUNT								
SMA3400-0000	4		14		A4			
SMA6400-0000	4		14		B4			Reverse Polarity Plug
SMA PLUG P.C.B MOUNT RIGHT ANGLE								
SMA3400-9000	5		14		A4			
SMA PLUG P.C.B MOUNT END LAUNCH								
SMA34ND-0000	6	T=0.75 (.030)			A4			T=P.C.B. Thickness
SMA34NDA-0000	6	T=0.5 (.020)			A4			T=P.C.B. Thickness
SMA3400M-0000	6	T=1.1 (.043)			A4			T=P.C.B. Thickness

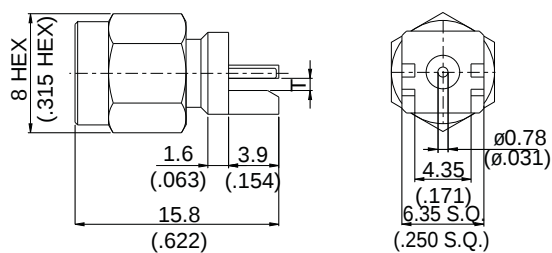


Figure 1

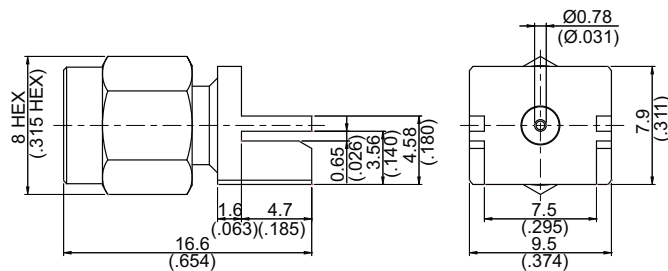


Figure 2

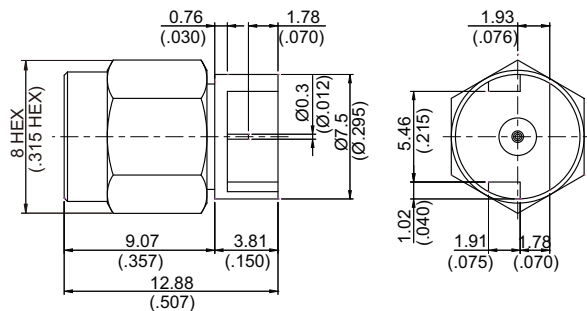


Figure 3

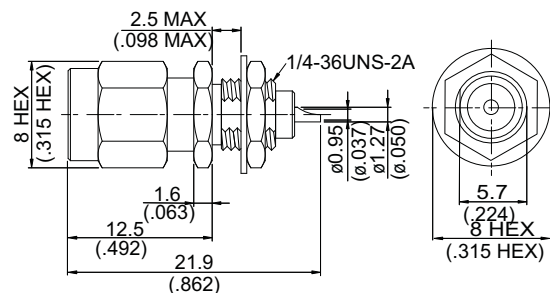


Figure 4

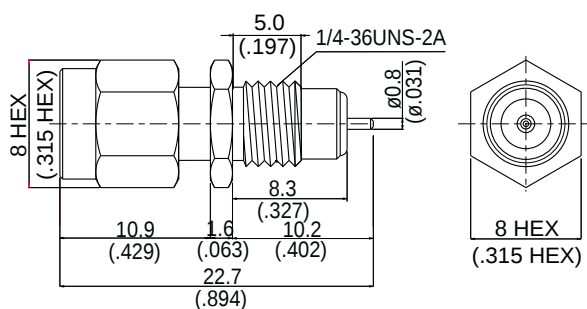


Figure 5

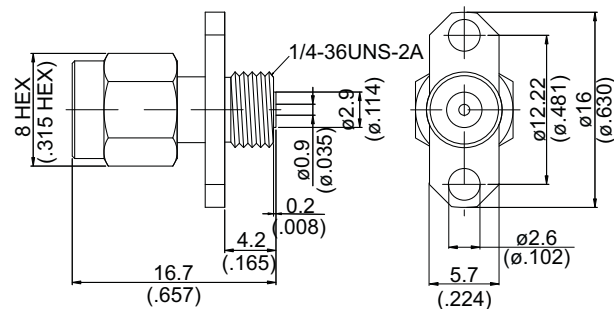


Figure 6

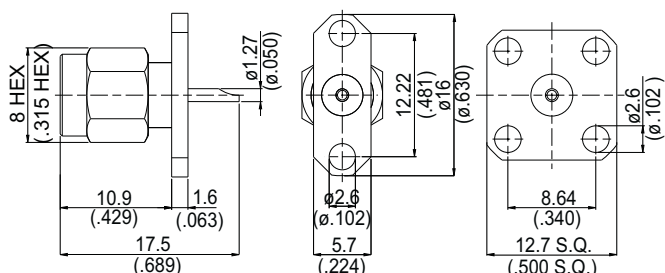
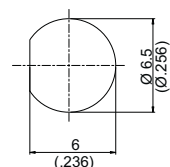
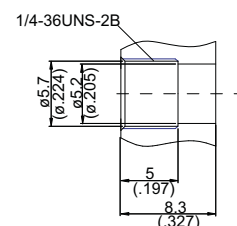


Figure 7

Fig. 7-1: 2-hole flange Fig. 7-2: square flange



M.H.2



M.H.35

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA PLUG P.C.B MOUNT END LAUNCH					
SMA3401-0000	1	T=1.73 (.068)		A4	T= P.C.B. Thickness
SMA3401B-0000	1	T=1.22 (.048)		A4	T= P.C.B. Thickness
SMA6401-0000	1	T=1.73 (.068)		C4	Reverse Polarity Plug; T= P.C.B. Thickness
SMA6401B-0000	1	T=1.22 (.048)		C4	Reverse Polarity Plug; T= P.C.B. Thickness
SMA3432-0000	2			A4	
SMA34ST-0000/NM	3			A4	VSWR 1.2 Up To 27 GHz
SMA PLUG FOR BULKHEAD					
SMA3500-0000	4		2	A4	
SMA3505A-0000	5		35	A4	
SMA PLUG FOR PANEL RECEPTACLE					
SMA362J-00AB	6			A4	Epoxy Captivation
SMA362A-0000	7-1			A4	2 Hole Flange
SMA362AS-0000	7-1			A6	Stainless; 2 Hole Flange
SMA364A-0000	7-2			A4	4 Hole Flange
SMA364AS-0000	7-2			A6	Stainless; 4 Hole Flange

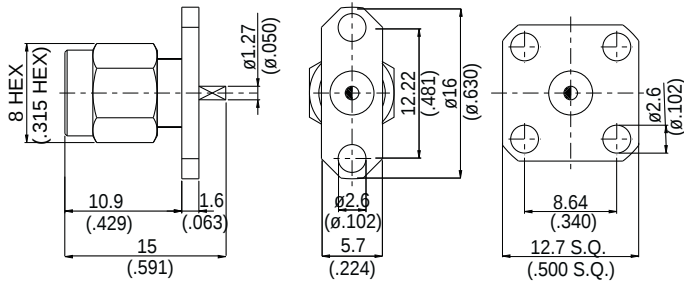


Fig. 1-1: 2-hole flange Fig. 1-2:square flange

Figure 1

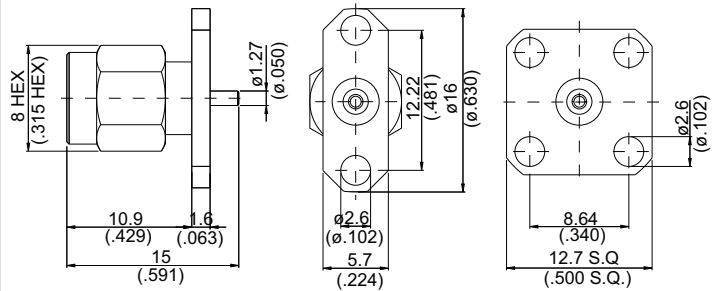


Fig. 2-1: 2-hole flange Fig. 2-2:square flange

Figure 2

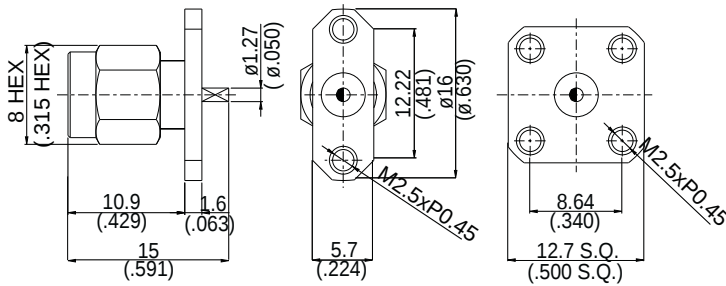


Fig. 3-1: 2-hole flange Fig. 3-2:square flange

Figure 3

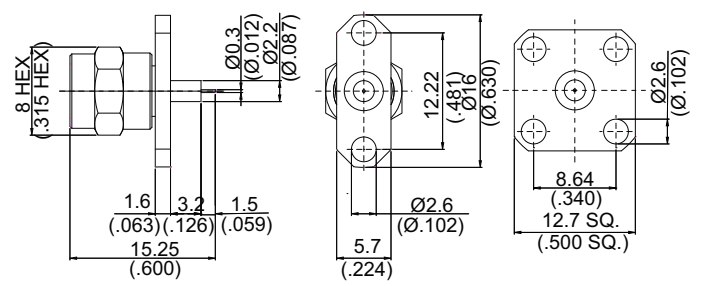


Fig. 4-1: 2-hole flange Fig. 4-2:square flange

Figure 4

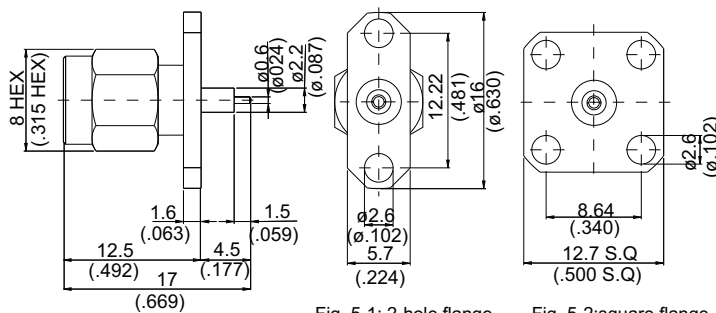
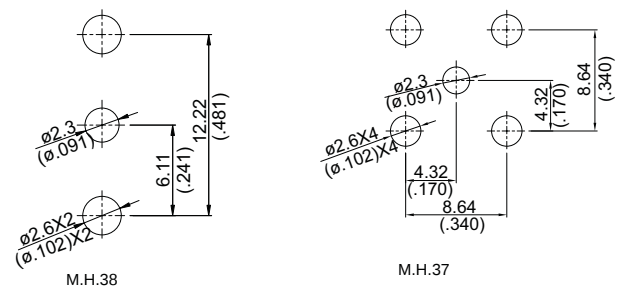


Fig. 5-1: 2-hole flange Fig. 5-2:square flange

Figure 5



M.H.38

M.H.37

PART NUMBER	Fig.	M.H	Material	Remarks
SMA PLUG FOR PANEL RECEPTACLE				
SMA362K-0000	1-1		A4	2 Hole Flange
SMA362KS-0000	1-1		A6	Stainless; 2 Hole Flange
SMA364K-0000	1-2		A4	4 Hole Flange
SMA364KS-0000	1-2		A6	Stainless; 4 Hole Flange
SMA362K1S-0000	2-1		A4	2 Hole Flange
SMA362K1S-0000	2-1		A6	Stainless; 2 Hole Flange
SMA364K1S-0000	2-2		A4	4 Hole Flange
SMA364K1S-0000	2-2		A6	Stainless; 4 Hole Flange
SMA362KT-0000	3-1		A4	KT= Screw Thread(M2.5XP0.45); 2 Hole Flange
SMA362KTS-0000	3-1		A6	KT= Screw Thread(M2.5XP0.45); Stainless; 2 Hole Flange
SMA364KT-0000	3-2		A4	KT= Screw Thread(M2.5XP0.45); 4 Hole Flange
SMA364KTS-0000	3-2		A6	KT= Screw Thread(M2.5XP0.45); Stainless; 4 Hole Flange
SMA362N-0032	4-1	38	A4	2 Hole Flange
SMA362NS-0032	4-1	38	A6	Stainless; 2 Hole Flange
SMA364N-0032	4-2	37	A4	4 Hole Flange
SMA364NS-0032	4-2	37	A6	Stainless; 4 Hole Flange
SMA362N3S-00AB	5-1	38	A4	Epoxy Captivation; 2 Hole Flange
SMA362N3S-00AB	5-1	38	A6	Stainless; Epoxy Captivation; 2 Hole Flange
SMA364N3S-00AB	5-2	37	A4	Epoxy Captivation; 4 Hole Flange
SMA364N3S-00AB	5-2	37	A6	Stainless; Epoxy Captivation; 4 Hole Flange

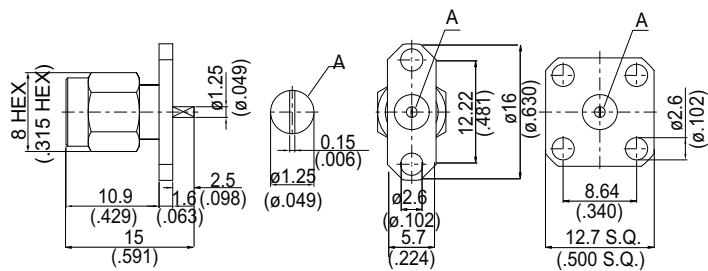


Fig. 6-1: 2-hole flange Fig. 6-2:square flange

Figure 1

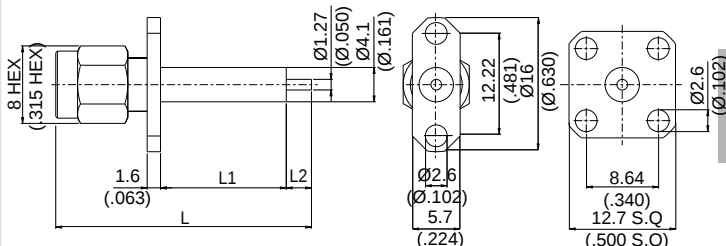


Fig. 2-1: 2-hole flange Fig. 2-2:square flange

Figure 2

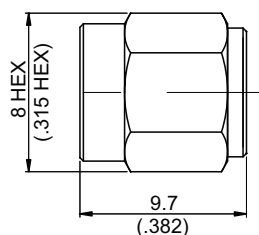


Figure 3

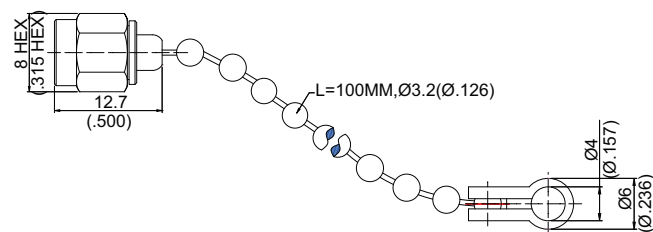


Figure 4

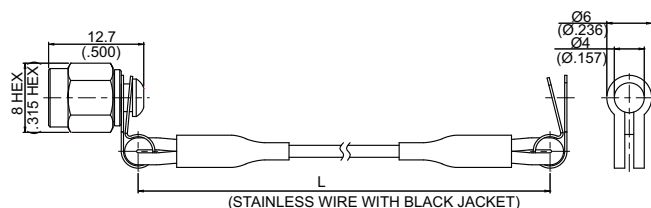
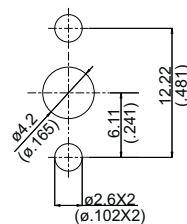
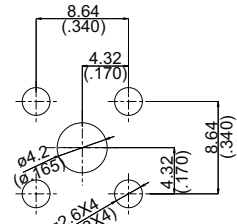


Figure 5



M.H.19



M.H.18

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA PLUG FOR PANEL RECEPTACLE					
SMA362P-0000	1-1			A4	2 Hole Flange
SMA362PS-0000	1-1			A6	Stainless; 2 Hole Flange
SMA364P-0000	1-2			A4	4 Hole Flange
SMA364P-00AB	1-2			A4	Epoxy Captivation
SMA364PS-0000	1-2			A6	Stainless; 4 Hole Flange
SMA362L-0000	2-1	L= 30.5(1.201); L1=15(.591); L2=3.0(.118)	19	A4	2 Hole Flange
SMA362LE-0000	2-1	L= 30.5(1.201); L1=15(.591); L2=3.0(.118)	19	A4	E= Epoxy captivation; 2 Hole Flange
SMA362LS-0000	2-1	L= 30.5(1.201); L1=15(.591); L2=3.0(.118)	19	A6	Stainless;Epoxy Captivation; 2 Hole Flange
SMA362L1-0000	2-1	L= 24.9(.098); L1=8.4(.331); L2=4.0(.157)	19	A4	2 Hole Flange
SMA362L1S-0000	2-1	L= 24.9(.098); L1=8.4(.331); L2=4.0(.157)	19	A6	Stainless; Epoxy Captivation, 2 Hole Flange
SMA364L-0000	2-2	L= 30.5(1.201); L1=15(.591); L2=3.0(.118)	18	A4	4 Hole Flange
SMA364LS-0000	2-2	L= 30.5(1.201); L1=15(.591); L2=3.0(.118)	18	A6	Stainless; 4 Hole Flange
SMA364L1-0000	2-2	L= 24.9(.098); L1=8.4(.331); L2=4.0(.157)	18	A4	4 Hole Flange
SMA364L1S-0000	2-2	L= 24.9(.098); L1=8.4(.331); L2=4.0(.157)	18	A6	Stainless; Epoxy Captivation; 4 Hole Flange
SMA PLUG CAP					
SMA3800A-0000	3			4	
SMA PLUG CAP WITH CHAIN					
SMA3800-0000	4			A4	
SMA3800S-0000	4			A6	Stainless
SMA38NY-0000	5	L=100(3.937)		11	Nylon Cord
SMA38SW-0000	5	L=105(4.134)		11	Stainless Wire With Black Jacket

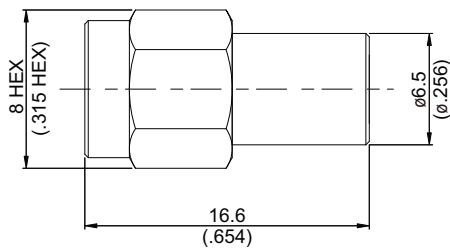


Figure 1

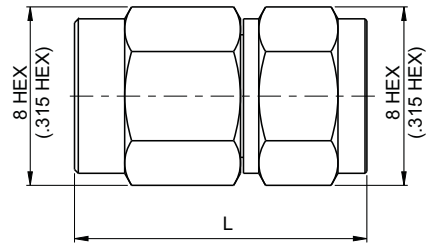


Figure 2

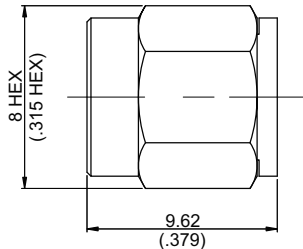


Figure 3

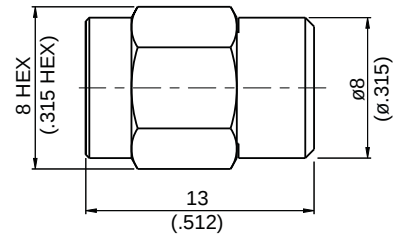


Figure 4

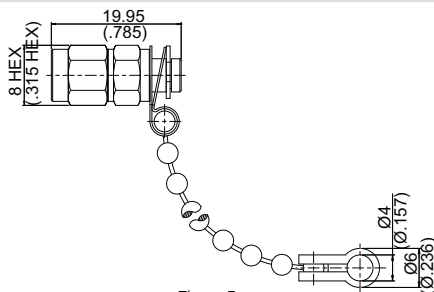


Figure 5

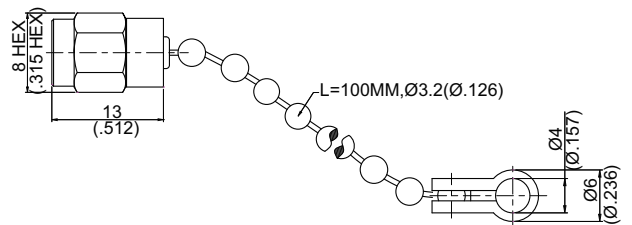


Figure 6

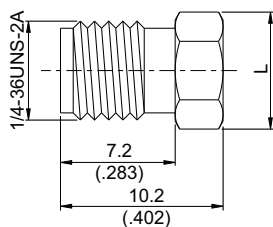


Figure 7

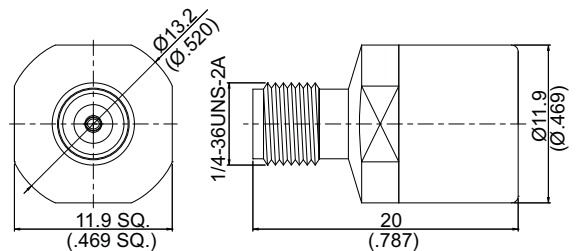


Figure 8

PART NUMBER	Fig.	Measurements	Material	Remarks
SMA PLUG TERMINATOR				
SMA3900-0003	1		A4	1W Average Power; VSWR≤1.2 up to 3GHz
SMA3900-0006	2	L=15.1(.594)	A4	2W Average Power; VSWR≤1.2 up to 6GHz
SMA3900P-0004	2	L=15.1(.594)	A4	2W Average Power; VSWR≤1.05 up to 4GHz
SMA3900P-0006	2	L=15.6(.614)	D11	2W Average Power; VSWR≤1.1 up to 3GHz; ≤1.15 up to 6GHz,
SMA6900-0006	2	L=15.1(.594)	B4	2W Average Power; VSWR≤1.2 up to 6GHz; Reverse Polarity Plug Terminator
SMA3900-0018	3		A4	2W Average Power; VSWR≤1.2 up to 18GHz
SMA3900-0020	3		A4	2W Average Power; VSWR≤1.06 up to 4GHz; 1.12 to 12GHz; 1.2 to 20GHz
SMA3900-0027	3		A4	2W Average Power; VSWR≤1.2 up to 27GHz
SMA39NP-0018	3		A7	2W Average Power; VSWR≤1.2 up to 18GHz; Stainless Nut
SMA3900S-0018	4		A6	2W Average Power;Stainless; VSWR ≤ 1.2 up to 18GHz
SMA3900S-26.5	4		A6	2W Average Power;Stainless; VSWR≤1.3 up to 26.5GHz
SMA PLUG TERMINATOR WITH CHAIN				
SMA3981-0006	5		A4	2W Average Power; VSWR≤1.2 up to 6GHz
SMA3980S-0018	6		A6	2W Average Power;Stainless; VSWR ≤ 1.2 up to 18GHz
SMA3980S-26.5	6		A6	2W Average Power;Stainless; VSWR≤1.3 up to 26.5GHz
SMA JACK SHORT END				
SMA8000-0000	7	L=8 HEX(.315HEX)	B1	
SMA8000-0000/6.35HEX	7	L=6.35 HEX(.250HEX)	B1	
SMA8000S-0000	7	L=6.35 HEX(.250HEX)	B3	Stainless
SMA JACK OPEN				
SMA8A00-0000	8			

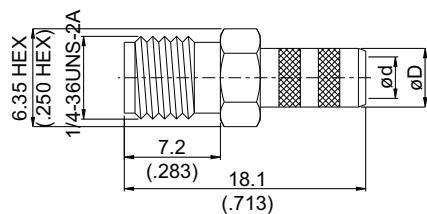


Figure 1

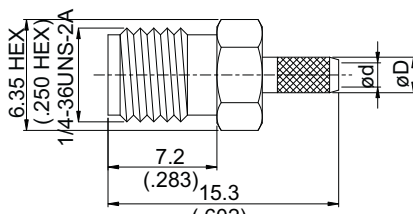


Figure 2

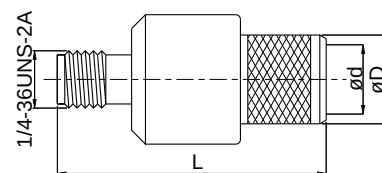


Figure 3

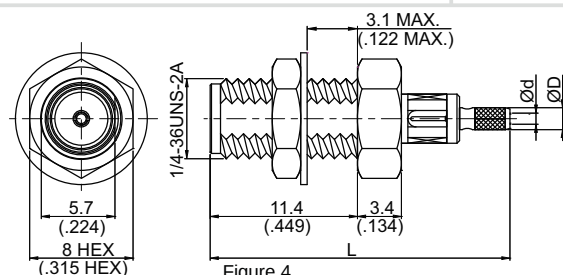


Figure 4

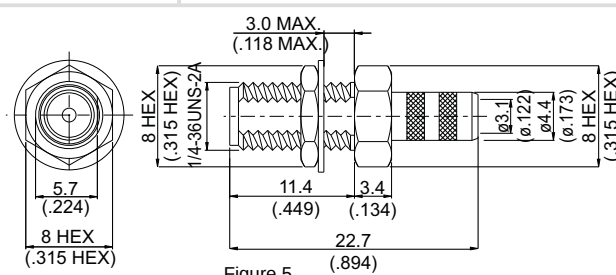


Figure 5

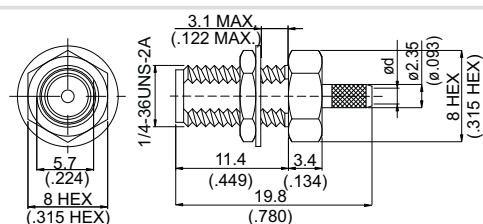
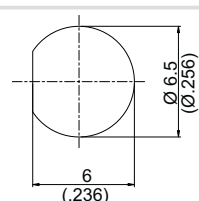


Figure 6



M.H.2

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMA JACK CRIMP									
SMA8100-0058	1	ød=3.1(.122) øD=4.4(.173)		58	B1	v*	v*	B7/B1	
SMA8100S-0058	1	ød=3.1(.122) øD=4.4(.173)		58	B3	v*	v*	B7/B1	Stainless
SMA9100-0058	1	ød=3.1(.122) øD=4.4(.173)		58	A1	v*	v*	B7/B1	Reverse Polarity Jack
SMA8100-0142	1	ød=3.1(.122) øD=4.4(.173)		142	B1	v		B7	
SMA8100S-0142	1	ød=3.1(.122) øD=4.4(.173)		142	B3	v		B7	Stainless
SMA9100-0142	1	ød=3.1(.122) øD=4.4(.173)		142	A1	v		B7	Reverse Polarity Jack
SMA8100-0223	1	ød=3.1(.122) øD=4.4(.173)		223	B1	v*	v*	B8/B2	
SMA8100S-0223	1	ød=3.1(.122) øD=4.4(.173)		223	B3	v*	v*	B8/B2	Stainless
SMA9100-0223	1	ød=3.1(.122) øD=4.4(.173)		223	A1	v*	v*	B8/B2	Reverse Polarity Jack
SMA8100-L200	1	ød=3.1(.122) øD=4.4(.173)		200	B1	v		B7	
SMA9100-L200	1	ød=3.1(.122) øD=4.4(.173)		200	A1	v		B7	Reverse Polarity Jack
SMA8100-L240	1	ød=3.9(.154) øD=5.6(.220)		240	B1	v*	v*	E4/E1	
SMA9100-L240	1	ød=3.9(.154) øD=5.6(.220)		240	A1	v*	v*	E4/E1	Reverse Polarity Jack
SMA8100-0178	2	ød=2.3 (.091) øD=3 (.118)		178	B1	v*	v*	A9/A6	
SMA8100S-0178	2	ød=2.3 (.091) øD=3 (.118)		178	B3	v*	v*	A9/A6	Stainless
SMA8100-0316	2	ød=1.6 (.063) øD=2.35 (.093)		316	B1	v*	v*	A17/A7	
SMA8100S-0316	2	ød=1.6 (.063) øD=2.35 (.093)		316	B3	v*	v*	A17/A7	Stainless
SMA9100-0316	2	ød=1.6 (.063) øD=2.35 (.093)		316	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8100D-0316	2	ød=1.6 (.063) øD=2.35 (.093)		316D	B1	v*	v*	A17/A7	
SMA8100DS-0316	2	ød=1.6 (.063) øD=2.35 (.093)		316D	B3	v*	v*	A17/A7	Stainless
SMA8100-L100	2	ød=1.7 (.067) øD=2.35 (.093)		100	B1	v*	v*	A17/A7	
SMA8100S-L100	2	ød=1.7 (.067) øD=2.35 (.093)		100	B3	v*	v*	A17/A7	Stainless
SMA8100-L300	3	L=27.8(1.094) ød=5.2(.205) øD=7.25(.285)		300	B1	v		D3	
SMA9100-L300	3	L=27.8(1.094) ød=5.2(.205) øD=7.25(.285)		300	A1	v		D3	Reverse Polarity Jack
SMA8100-L400	3	L=29.15(1.148) ød=7.5(.295) øD=9.6(.378)		400	B2	v		C7	
SMA9100-L400	3	L=29.15(1.148) ød=7.5(.295) øD=9.6(.378)		400	A2	v		C7	Reverse Polarity Jack
SMA JACK CRIMP FOR BULKHEAD									
SMA8100L-0800	4	L=23.2(.913) d=0.86(.034) D=1.7(.067)	2	0.8	B1	v		A10	
SMA8100L-1.13	4	L=22.9(.902) d=1.25(.049) D=2(.079)	2	1.13	B1	v		A10	
SMA8100L-0058	5		2	58	B1	v*	v*	B7/B1	
SMA8100LS-0058	5		2	58	B3	v*	v*	B7/B1	Stainless
SMA9100L-0058	5		2	58	A1	v*	v*	B7/B1	Reverse Polarity Jack
SMA8100L-0142	5		2	142	B1	v		B7	
SMA8100LS-0142	5		2	142	B3	v		B7	Stainless
SMA8100L-0223	5		2	223	B1	v*	v*	B8/B2	
SMA8100LS-0223	5		2	223	B3	v*	v*	B8/B2	Stainless
SMA8100L-0316	6	d=1.6(.063)	2	316	B1	v		A17	
SMA8100LS-0316	6	d=1.6(.063)	2	316	B3	v		A17	Stainless
SMA9100L-0316	6	d=1.6(.063)	2	316	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA9100LS-0316	6	d=1.6(.063)	2	316	A3	v*	v*	A17/A7	Stainless;Reverse Polarity Jack
SMA8100LD-0316	6	d=1.6(.063)	2	316D	B1	v		A17	
SMA8100LDS-0316	6	d=1.6(.063)	2	316D	B3	v		A17	Stainless
SMA8100L-L100	6	d=1.7(.067)	2	100	B1	v		A17	
SMA8100LS-L100	6	d=1.7(.067)	2	100	B3	v		A17	Stainless
SMA9100L-L100	6	d=1.7(.067)	2	100	A1	v*	v*	A17/A7	Reverse Polarity Jack

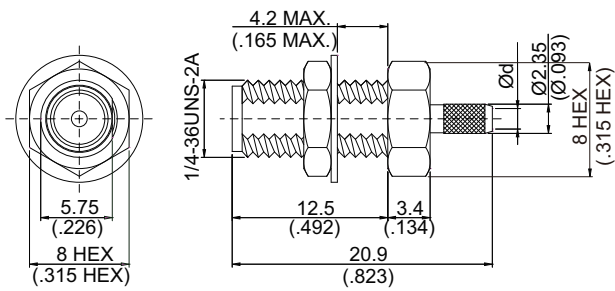


Figure 1

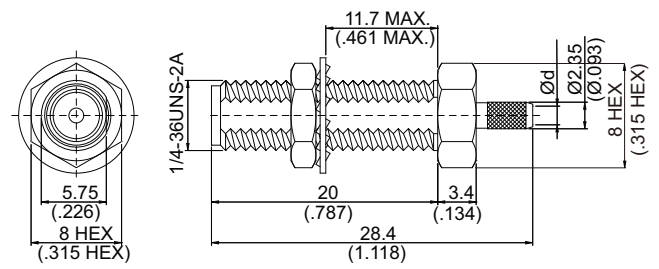


Figure 2

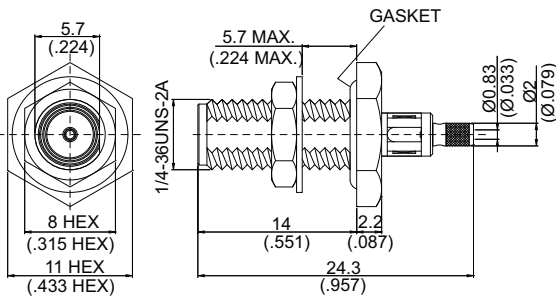


Figure 3

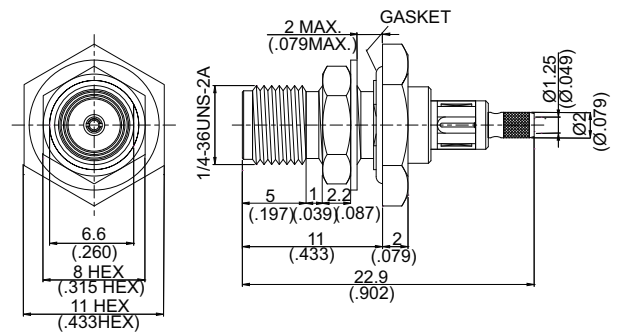


Figure 4

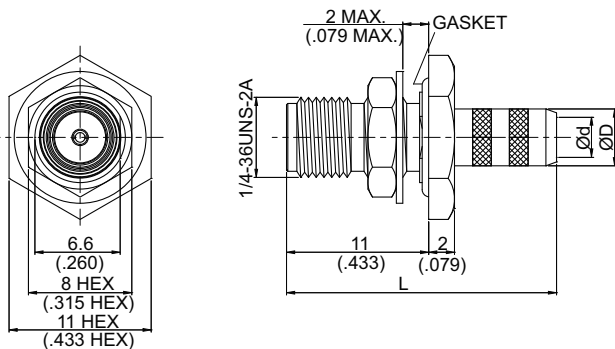
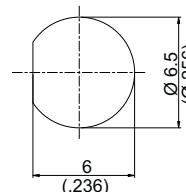
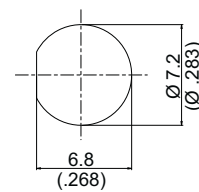


Figure 5



M.H.2



M.H.3

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMA JACK CRIMP FOR BULKHEAD									
SMA8100L1-0316	1	d=1.6(.063)	2	316	B1	v		A17	
SMA8100L1D-0316	1	d=1.6(.063)	2	316D	B1	v		A17	
SMA8100L1-L100	1	d=1.7(.067)	2	100	B1	v		A17	
SMA9100L1-L100	1	d=1.7(.067)	2	100	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8100LL-0316	2	d=1.6(.063)	2	316	B1	v		A17	
SMA8100LLD-0316	2	d=1.6(.063)	2	316D	B1	v		A17	
SMA8100LL-L100	2	d=1.7(.067)	2	100	B1	v		A17	
SMA9100LL-L100	2	d=1.7(.067)	2	100	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8105LL-0.81	3		2	0.8	B1	v		A10	
SMA8105-1.13	4		3	1.13	B1	v		A10	
SMA8105-0058	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	58	B1	v*	v*	B7/B1	
SMA8105-0058/W	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	58	B2	v*	v*	B7/B1	Tin-Zinc-Copper Plated
SMA8105S-0058	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	58	B3	v*	v*	B7/B1	Stainless
SMA8105-0142	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	142	B1	v		B7	
SMA8105-0142/W	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	142	B2	v		B7	Tin-Zinc-Copper Plated
SMA8105S-0142	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	142	B3	v		B7	Stainless
SMA9105-0142	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	142	A3	v		B7	Reverse Polarity Jack
SMA8105-0223	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	223	B1	v*	v*	B8/B2	
SMA8105-0223/W	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	223	B2	v*	v*	B8/B2	Tin-Zinc-Copper Plated
SMA8105S-0223	5	L=20.9(.823) d=3.1(.122) D=4.4(.173)	3	223	B3	v*	v*	B8/B2	Stainless
SMA8105-L240	5	L=21.4(.843) d=3.9(.153) D=5.6(.220)	3	240	B1	v*	v*	E4/E1	
SMA9105-L240	5	L=21.4(.843) d=3.9(.153) D=5.6(.220)	3	240	A1	v*	v*	E4/E1	Reverse Polarity Jack

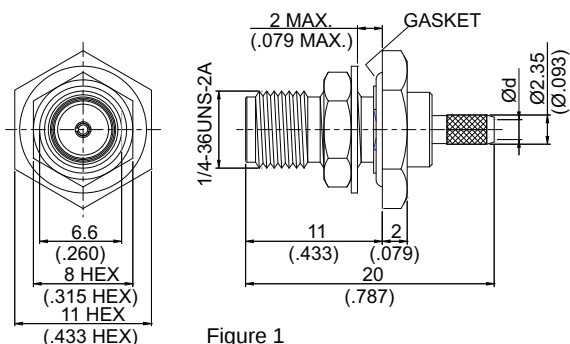


Figure 1

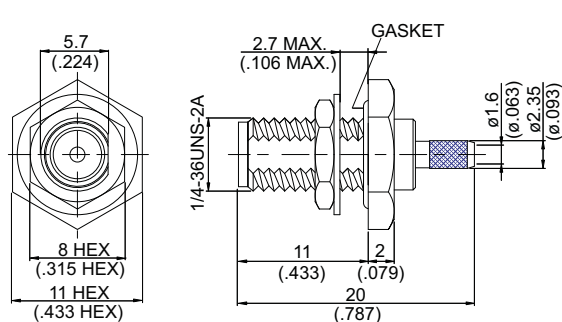


Figure 2

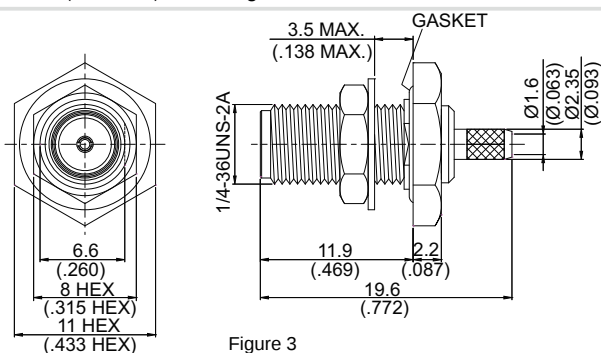


Figure 3

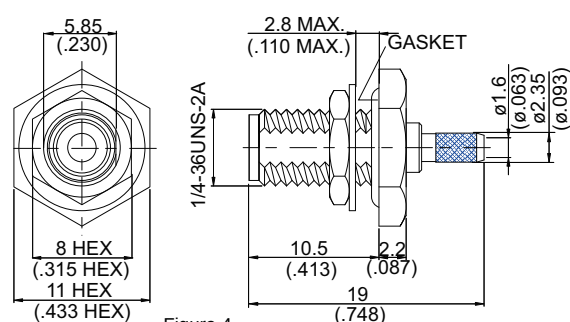


Figure 4

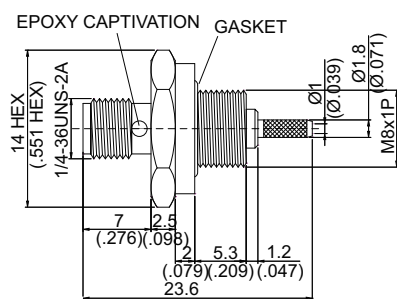


Figure 5

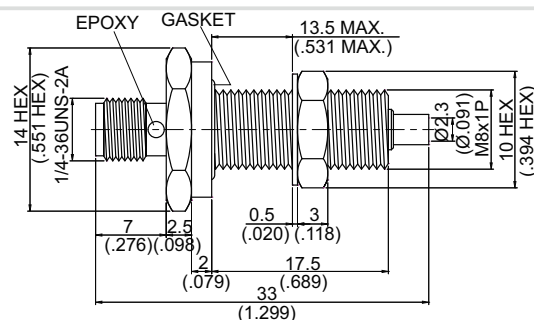
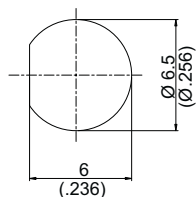
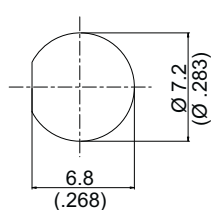


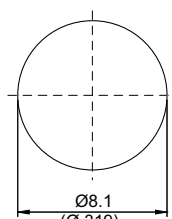
Figure 6



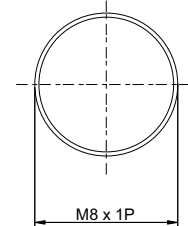
M.H.2



M.H.3



M.H.6D



M.H.137

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMA JACK CRIMP FOR BULKHEAD									
SMA8105-0316	1	d=1.6(.063)	3	316	B1	v*	v*	A17/A7	
SMA8105-0316/W	1	d=1.6(.063)	3	316	B2	v*	v*	A17/A7	Tin-zinc-copper Plating
SMA9105-0316	1	d=1.6(.063)	3	316	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8105S-0316	1	d=1.6(.063)	3	316	B3	v*	v*	A17/A7	Stainless
SMA8105D-0316	1	d=1.6(.063)	3	316D	B1	v*	v*	A17/A7	
SMA8105D-0316/W	1	d=1.6(.063)	3	316D	B2	v*	v*	A17/A7	Tin-zinc-copper Plating
SMA9105D-0316	1	d=1.6(.063)	3	316D	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8105DS-0316	1	d=1.6(.063)	3	316D	B3	v*	v*	A17/A7	Stainless
SMA9105DS-0316	1	d=1.6(.063)	3	316D	A3	v*	v*	A17/A7	Stainless ;Reverse Polarity Jack
SMA8105-L100	1	d=1.7(.067)	3	100	B1	v*	v*	A17/A7	
SMA9105-L100	1	d=1.7(.067)	3	100	A1	v*	v*	A17/A7	Reverse Polarity Jack
SMA8105S-L100	1	d=1.7(.067)	3	100	B3	v*	v*	A17/A7	Stainless
SMA9105S-L100	1	d=1.7(.067)	3	100	A3	v*	v*	A17/A7	Stainless ;Reverse Polarity Jack
SMA8105A-0316	2		2	316	B1	v*	v*	A17/A7	
SMA8105L-0316	3		3	316	B1	v		A17	
SMA9105L-0316	3		3	316	A1	v		A17	Reverse Polarity Jack
SMA8105E-0316	4		2	316	B1	v*	v*	A17/A7	
SMA8105B-0178	5		137	178	B1	v*	v*	A10/A4	
SMA8105BLA-0178/HS	6		6D&137	178	B1	v*	v*	A9/A6	Hermetically Sealed Connector; Epoxy Captivation

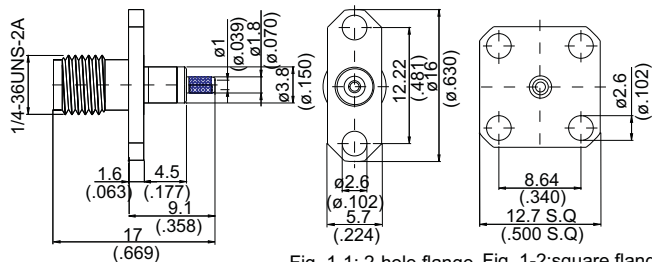


Figure 1

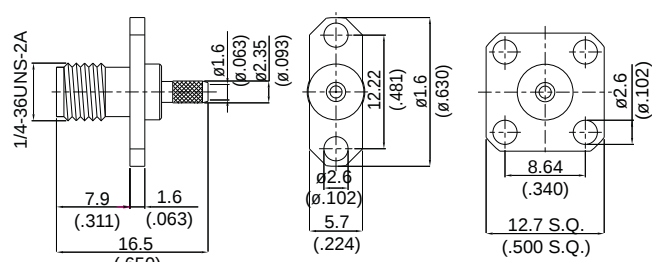


FIG. 2-1 : 2-hole flange

FIG. 2-2 : square flange

Figure 2

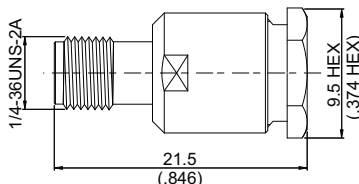


Figure 3

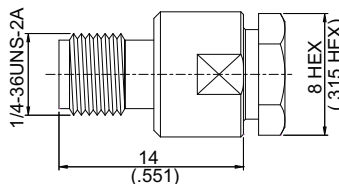


Figure 4

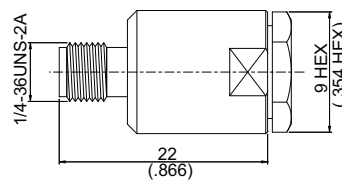


Figure 5

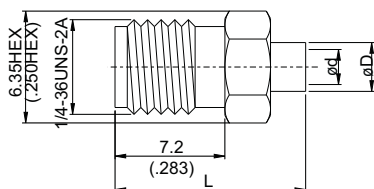


Figure 6

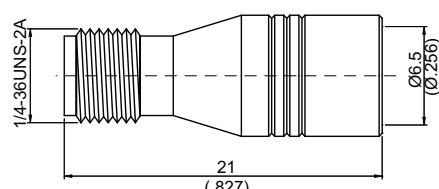


Figure 7

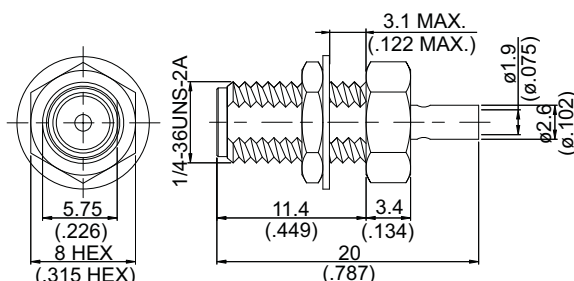
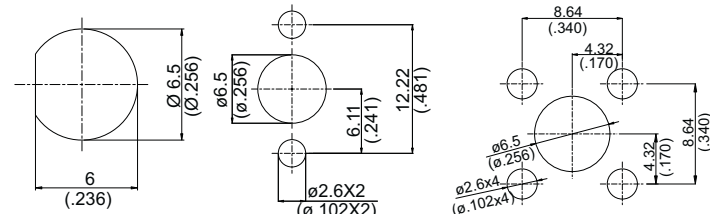


Figure 8



M.H.2

M.H.10

M.H.16

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp	Crimp Insert	Remarks
SMA JACK CRIMP FOR PANEL RECEPTACLE									
SMA8126-0178	1-1		10	178	B1	v		A10	2 Hole Flange
SMA8146-0178	1-2		16	178	B1	v		A10	4 Hole Flange
SMA8126-0316	2-1		10	316	B1	v*	v*	A17A7	2 Hole Flange
SMA8146-0316	2-2		16	316	B1	v*	v*	A17/A7	4 Hole Flange
SMA JACK CLAMP									
SMA8200-0142	3			58&142	B1	v			
SMA9200-0142	3			58&142	A1	v			Reverse Polarity Jack
SMA8200S-141SS	4			.141	B3	v			Stainless
SMA8200S-250SS	5			.250	B3	v			Stainless
SMA JACK SOLDER									
SMA8300-0023/NM	6	ød=0.7 (.028) øD=2.00 (.079) L=12.5(.492)		.023	B1	v			Epoxy Captivation
SMA8300-0034	6	ød=1.0 (.039) øD=2.00 (.079) L=12.5(.492)		.034	B1	v			Epoxy Captivation
SMA8300-0047	6	ød=1.3 (.051) øD=2.15 (.085) L=12(.472)		.047	B1	v			Epoxy Captivation
SMA8300A2-0047	6	ød=1.3 (.051) øD=2.15 (.085) L=12(.472)		.047	B1	v			Epoxy Captivation
SMA8300-0085	6	ød=2.3 (.091) øD=3.20 (.126) L=12.7(0.5)		.085	B1	v			
SMA8300-0141	6	ød=3.65 (.144) øD=4.80 (.189) L=12.7(0.5)		.141	B1	v			
SMA8300SG-0141	6	ød=3.65 (.144) øD=4.80 (.189) L=12.7(0.5)		.141	B14	v			Stainless; Gold Plated
SMA9300-0141	6	ød=3.65 (.144) øD=4.80 (.189) L=12.7(0.5)		.141	A1	v			Reverse Polarity Jack
SMA8300-0250	7			.250	B1	v			
SMA JACK SOLDER FOR BULKHEAD									
SMA8300LB-0178	8		2	178	B1	v			
SMA9300LB-0178	8		2	178	A1	v			Reverse Polarity Jack

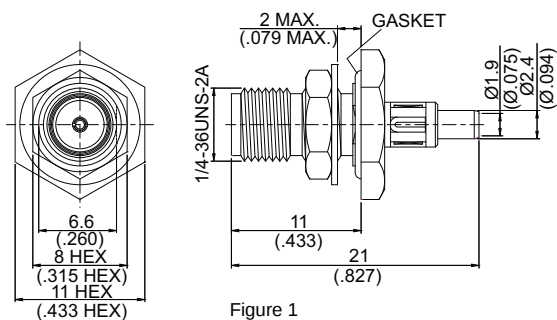


Figure 1

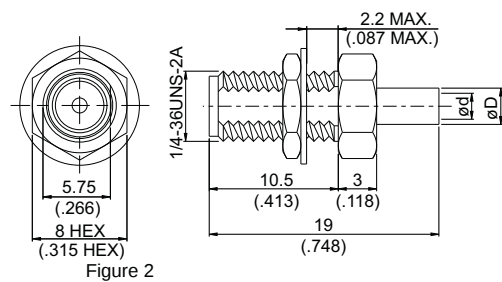


Figure 2

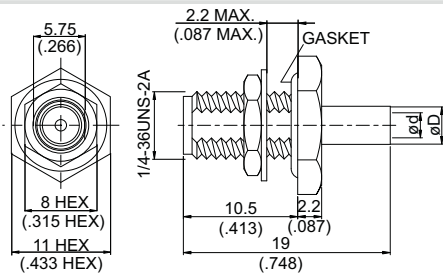


Figure 3

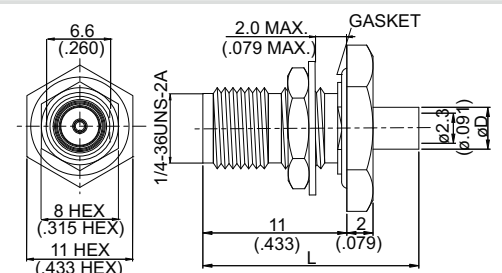


Figure 4

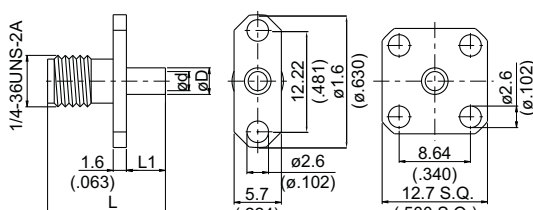


Fig. 5-1: 2-hole flange Fig. 5-2: 4-square flange

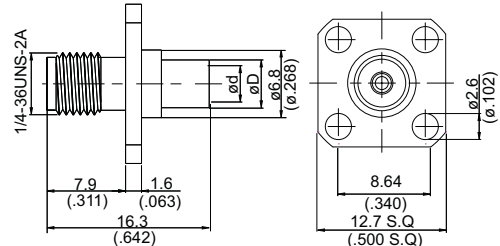


Figure 6

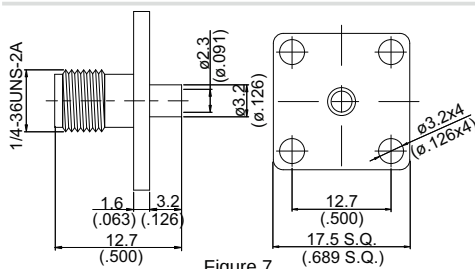
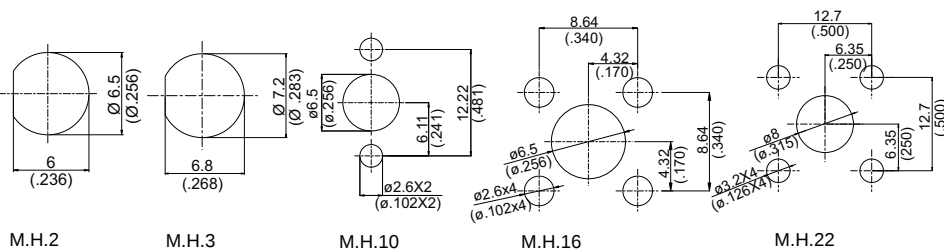


Figure 7



PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
SMA JACK CRIMP FOR BULKHEAD								
SMA8305A-0178	1		3	178	B1	v	A10	
SMA9305-0178	1		3	178	A1	v	A10	Reverse Polarity Jack
SMA JACK SOLDER FOR BULKHEAD								
SMA8300L-0034	2	Ød=1.0 (.039) ØD=2.0 (.079)	2	.034	B1	v		Epoxy Captivation
SMA8300L-0047	2	Ød=1.3 (.051) ØD=2.2 (.087)	2	.047	B1	v		Epoxy Captivation
SMA8300L-0085	2	Ød=2.3 (.091) ØD=3.5 (.138)	2	.085	B1	v		
SMA9300L-0085	2	Ød=2.3 (.091) ØD=3.5 (.138)	2	.085	A1	v		Reverse Polarity Jack
SMA8300L-0141	2	Ød=3.65 (.144) ØD=4.8 (.189)	2	.141	B1	v		
SMA8305-0034	3	Ød=1.0 (.039) ØD=2.0 (.079)	2	.034	B1	v		With Gasket; Epoxy Captivation
SMA8305-0047	3	Ød=1.3 (.051) ØD=2.2 (.087)	2	.047	B1	v		With Gasket
SMA8305-0085	3	Ød=2.3 (.091) ØD=3.5 (.138)	2	.085	B1	v		With Gasket
SMA8305-0141	3	Ød=3.65 (.144) ØD=4.8 (.189)	2	.141	B1	v		With Gasket
SMA8305SG-0141	3	Ød=3.65 (.144) ØD=4.8 (.189)	2	.141	B14	v		With Gasket; Stainless; Gold Plated
SMA8305A-0085	4	L=16.5 (.650) ØD=3.2 (.126)	3	.085	B2	v		With Gasket
SMA9305A-0085	4	L=19 (.748) ØD=3.5 (.138)	3	.085	A1	v		With Gasket; Reverse Polarity Jack
SMA JACK SOLDER FOR PANEL RECEPTACLE								
SMA8326-0047	5-1	Ød=1.3 (.051) ØD=2.2 (.087) L=14.2 (.559) L1=4.7 (.185)	10	.047	B1	v		2 Hole Flange
SMA8326-0085	5-1	Ød=2.3 (.091) ØD=3.2 (.126) L=14.2 (.559) L1=4.7 (.185)	10	.085	B1	v		2 Hole Flange
SMA8326-0141	5-1	Ød=3.65 (.144) ØD=4.8 (.189) L=14.2 (.559) L1=4.7 (.185)	10	.141	B1	v		2 Hole Flange
SMA8346-0047	5-2	Ød=1.3 (.051) ØD=2.15 (.085) L=12.0 (.472) L1=2.5 (.098)	16	.047	B1	v		4 Hole Flange; Epoxy Captivation
SMA8346-0085	5-2	Ød=2.3 (.091) ØD=3.2 (.126) L=12.7 (.500) L1=3.2 (.126)	16	.085	B1	v		4 Hole Flange
SMA8346SG-0085	5-2	Ød=2.35 (.093) ØD=3.2 (.126) L=12.7 (.500) L1=3.2 (.126)	16	.085	B14	v		Gold Plated Stainless; 4 Hole Flange
SMA8346-0141	5-2	Ød=3.65 (.144) ØD=4.8 (.189) L=14.2 (.559) L1=4.7 (.185)	16	.141	B1	v		4 Hole Flange
SMA8346S-0047	6	Ød=1.30 (.051) ØD=2.2 (.087)	16	.047	B3	v		Stainless; 4 Hole Flange; Epoxy Captivation
SMA8346S-0085	6	Ød=2.30 (.091) ØD=3.2 (.126)	16	.085	B3	v		Stainless; 4 Hole Flange
SMA8346S-0141	6	Ød=3.65 (.144) ØD=4.8 (.189)	16	.141	B3	v		Stainless; 4 Hole Flange
SMA8346SG-0141	6	Ød=3.65 (.144) ØD=4.8 (.189)	16	.141	B14	v		Gold Plated Stainless; 4 Hole Flange
SMA8346T-0085	7		22	.085	B1	v		T= Bigger Panel Receptacle than SMA8346-0085

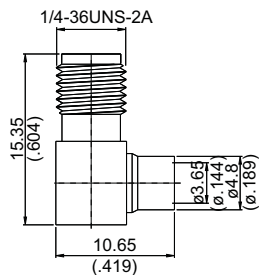


Figure 1

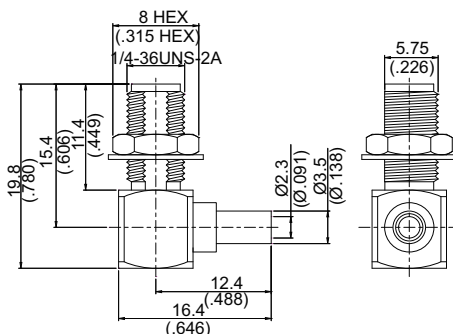


Figure 2

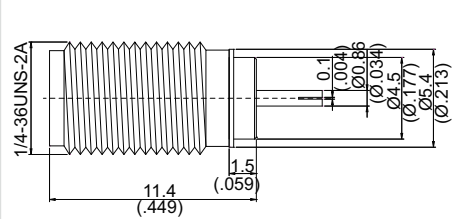


Figure 3

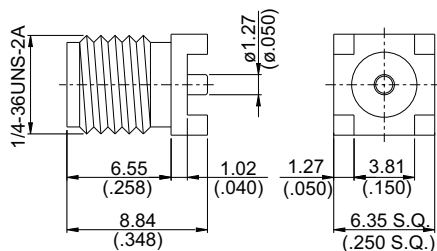


Figure 4

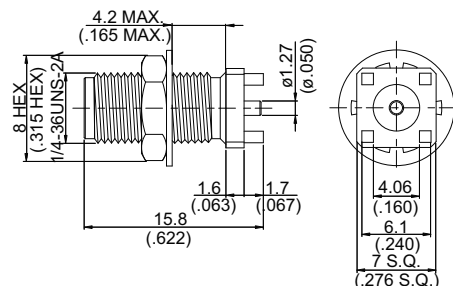


Figure 5

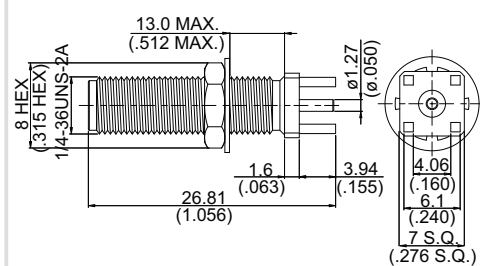


Figure 6

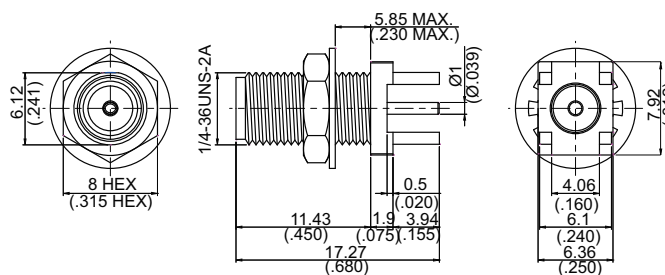
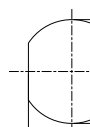
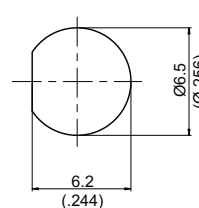


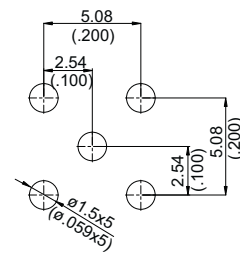
Figure 7



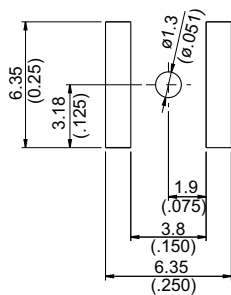
M.H.2



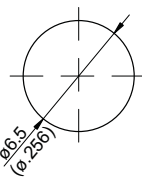
M.H.2A



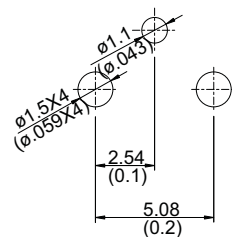
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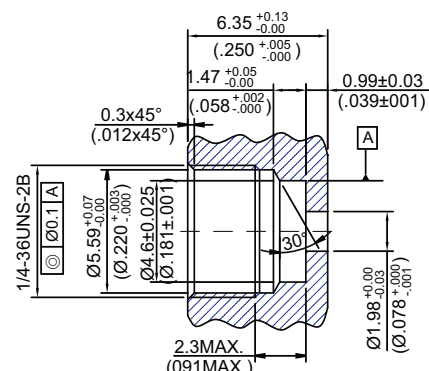
M.H.42



M.H.91



M.H.95



M.H.133

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
SMA JACK SOLDER RIGHT ANGLE							
SMA8300-9141	1		.141	B1	v		
SMA JACK SOLDER FOR BULKHEAD RIGHT ANGLE							
SMA8305-9085	2	2	.085	B1	v		
HERMETICALLY SEALED SMA SCREW ON JACK WITH AUXILIARY CONTACT							
SMA8F00-0000/HS	3	133		B3			
SMA JACK P.C.B SURFACE MOUNT							
SMA8400S-0000	4	42		B1			Brass Body
SMA JACK P.C.B MOUNT FOR BULKHEAD							
SMA8410-0000	5	14&91		B1			
SMA8410L-0000	6	14&91		B1			
SMA8400A3-0000	7	2A&95		B1			

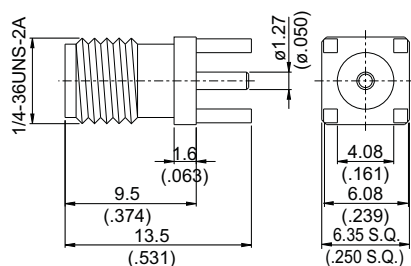


Figure 1

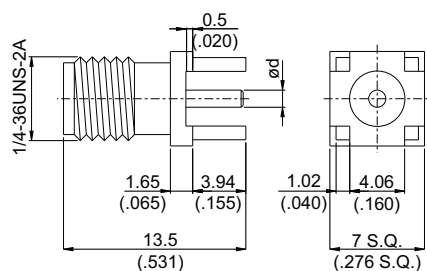


Figure 2

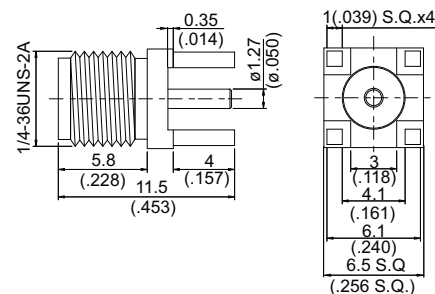


Figure 3

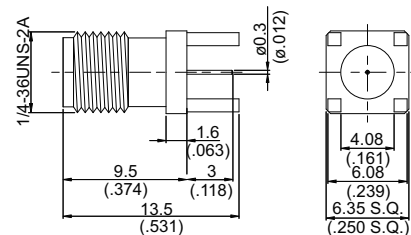


Figure 4

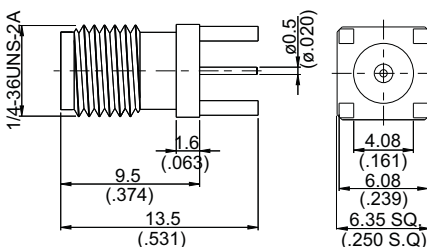


Figure 5

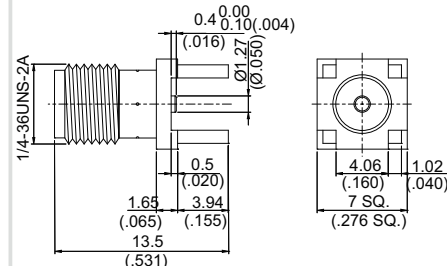


Figure 6

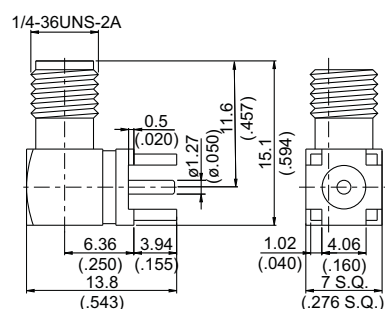


Figure 7

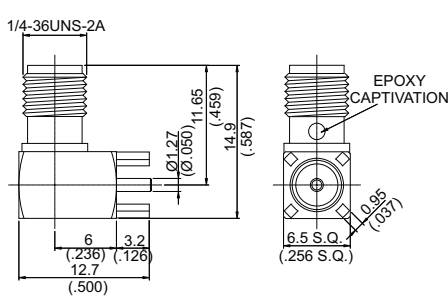


Figure 8

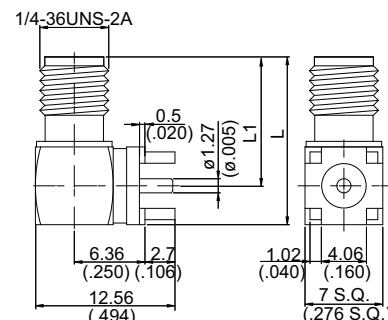
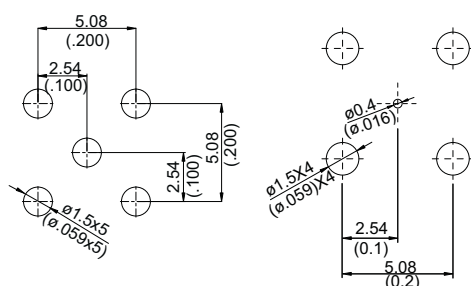
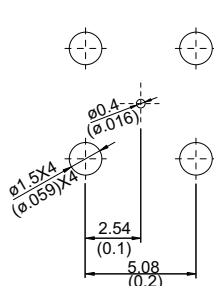


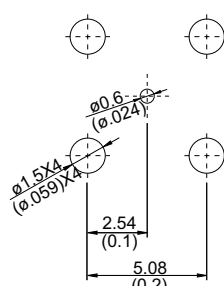
Figure 9



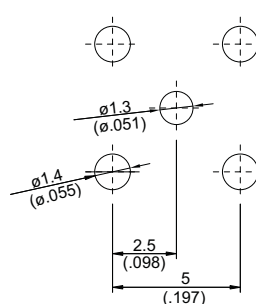
M.H.14



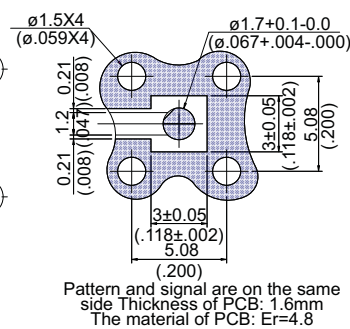
M.H.77



M.H.78



M.H.104



M.H.127

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK P.C.B MOUNT					
SMA8400-0000	1		14	B1	
SMA9400-0000	1		14	A1	Reverse Polarity Jack
SMA8400A-0000	2	ød=1.27(.050)	14	B1	
SMA9400A-0000	2	ød=1.27(.050)	14	A1	Reverse Polarity Jack
SMA8400C-0000	2	ød=0.95(.037)	14	B1	
SMA9400C-0000	2	ød=0.95(.037)	14	A1	Reverse Polarity Jack
SMA8400H-0000	3		14	B1	
SMA9400H-0000	3		14	A1	Reverse Polarity Jack
SMA8400A2-0000	4		77	B1	
SMA8400B-0000	5		78	B1	
SMA84SHA-0000	6		127	B1	
SMA JACK P.C.B MOUNT RIGHT ANGLE					
SMA8400-9000	7		14	B1	
SMA9400-9000	7		14	A1	Reverse Polarity Jack
SMA8400E-9000	8		104	B1	Epoxy Captivation
SMA8400C-9000	9	L=15(.591) L1=11.5(.453)	14	B1	
SMA8400CL-9000	9	L=19(.748) L1=15.5(.610)	14	B1	

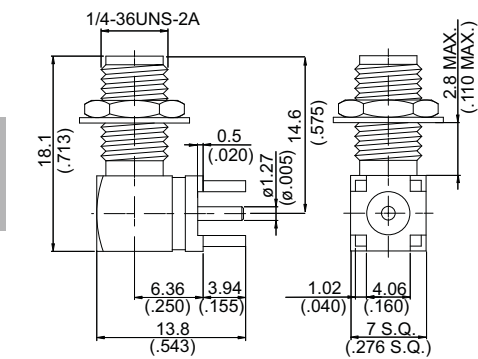


Figure 1

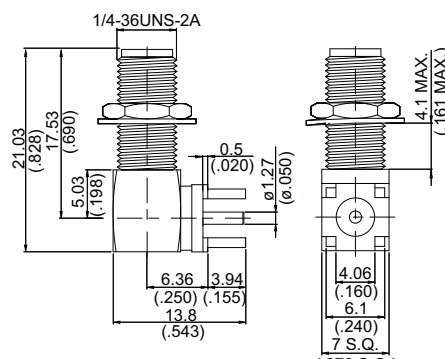


Figure 2

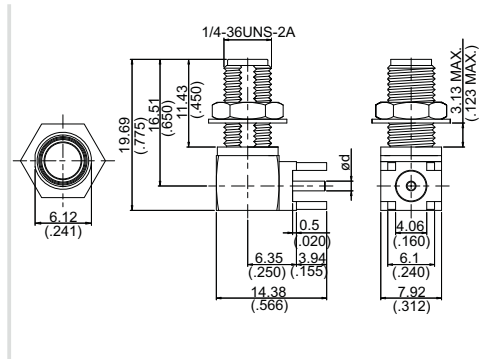


Figure 3

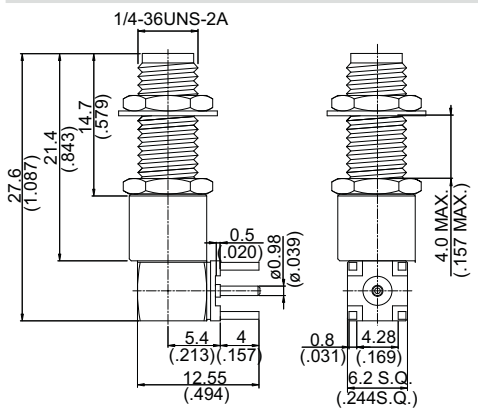


Figure 4

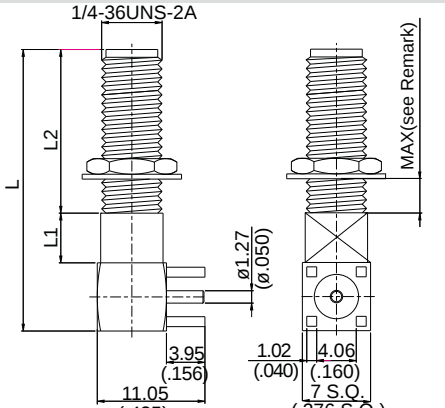


Figure 5

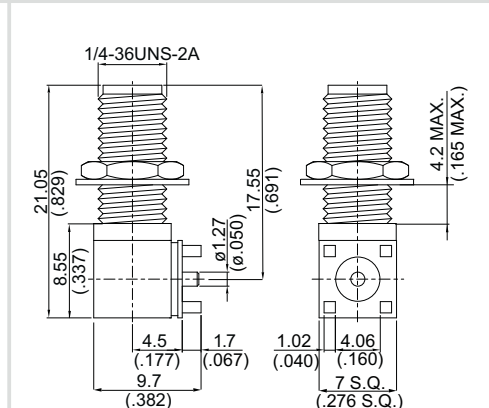


Figure 6

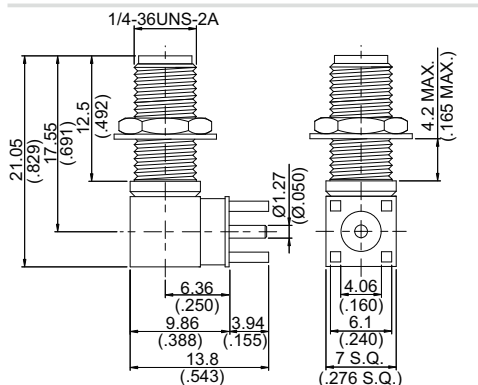


Figure 7

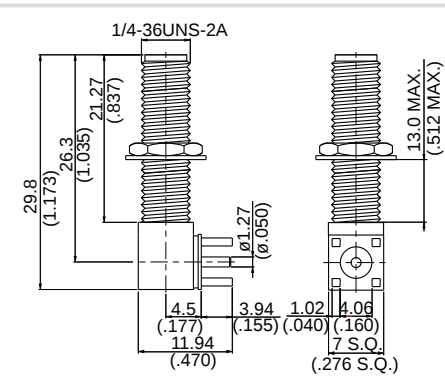


Figure 8

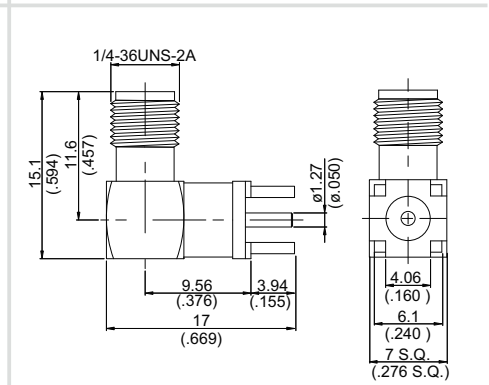
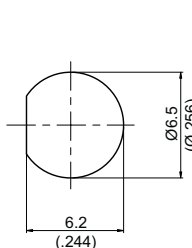
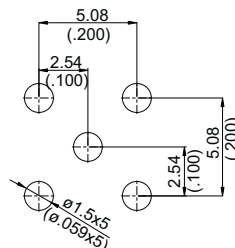


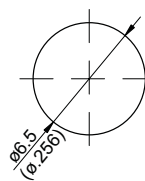
Figure 9



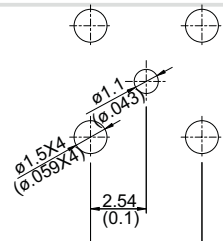
M.H.2A



M.H.14



M.H.91



M.H.95

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK P.C.B MOUNT RIGHT ANGLE					
SMA8400A-9000	1		14&91	B1	
SMA9400A-9000	1		14&91	A1	Reverse Polarity Jack
SMA8400A1-9000/CP	2		14&91	B1	
SMA9400A1-9000	2		14&91	A1	Reverse Polarity Jack
SMA8400A2-9000	3	ød=1.27(.050)	14&2A	B1	
SMA8400A3-9000/NM	3	ød=1(.039)	95&2A	B1	
SMA8410A-9000	4		91&95	B1	
SMA8400B-9000	5	L=28.9 (1.138) L1=5.1 (.201) L2=16.8 (.661)	14&91	B1	8.5 MAX(.355 MAX)
SMA8400D-9000	5	L=28.35 (1.116) L1=5.6 (.220) L2=15.75 (.620)	14&91	B1	7.4 MAX(.295 MAX)
SMA8410-9000	6		14&91	B1	
SMA8411-9000	7		14&91	B1	
SMA8410L-9000	8		14&91	B1	
SMA8400M-9000	9		14	B1	

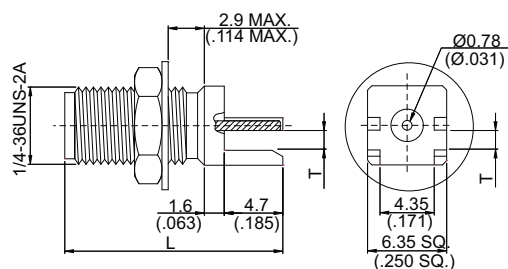


Figure 1

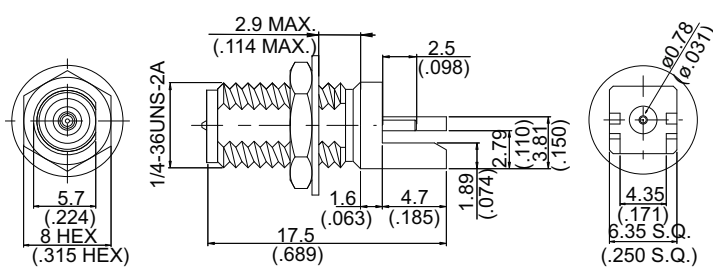


Figure 2

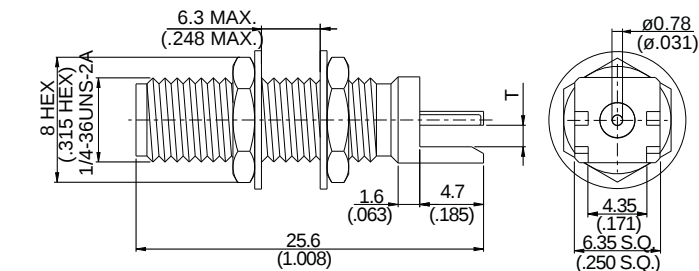


Figure 3

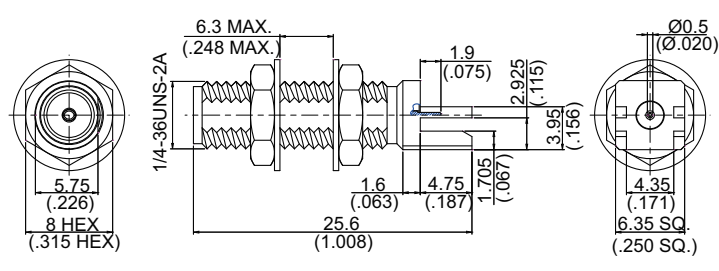


Figure 4

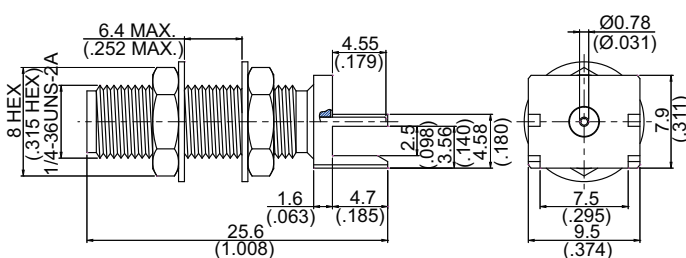


Figure 5

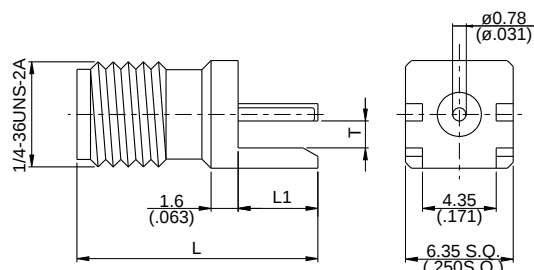


Figure 6

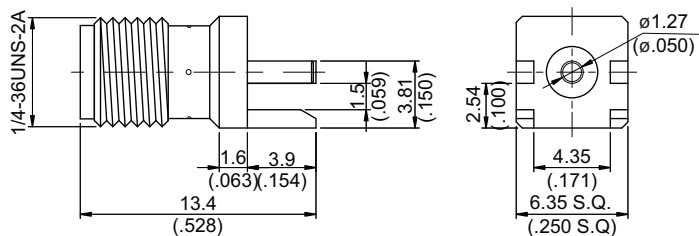
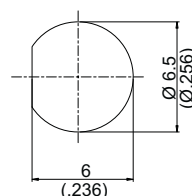
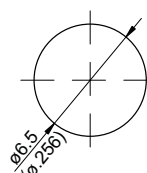


Figure 7



M.H.2



M.H.91

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK P.C.B MOUNT FOR BULKHEAD END LAUNCH					
SMA8402-0000	1	T=1.73(.068) L=17.5(.689)	91	B1	T= P.C.B. Thickness
SMA8402B-0000	1	T=1.22(.048) L=17.5(.689)	91	B1	T= P.C.B. Thickness
SMA8402C-0000	1	T=0.81(.032) L=17.5(.689)	91	B1	T= P.C.B. Thickness
SMA8404-0000	1	T=1.73(.068) L=19.5(.768)	91	B1	T= P.C.B. Thickness
SMA9402B-0000	1	T=1.22(.048) L=17.5(.689)	91	A1	T= P.C.B. Thickness ; Reverse Polarity Jack
SMA9401E-0000	2		2	A4	T= P.C.B. Thickness ; Reverse Polarity Jack
SMA9403-0000	3	T=1.73(.068)	91	A1	T= P.C.B. Thickness, Reverse Polarity Jack
SMA9403B-0000	3	T=1.22(.048)	91	A1	T= P.C.B. Thickness, Reverse Polarity Jack
SMA9403C-0000	3	T=0.95(.037)	91	A1	T= P.C.B. Thickness, Reverse Polarity Jack
SMA8403-0000	3	T=1.73(.068)	91	B1	T= P.C.B. Thickness
SMA8403B-0000	3	T=1.22(.048)	91	B1	T= P.C.B. Thickness
SMA8403C-0000	3	T=0.95(.037)	91	B1	T= P.C.B. Thickness
SMA8403F-0000	4		2	B1	
SMA8403E-0000	5		91	B1	
SMA JACK P.C.B MOUNT END LAUNCH					
SMA8401-00AB	6	L=14.2 (.559) L1=4.7 (.185) T=1.73 (.068)		B1	T= P.C.B. Thickness; Epoxy Captivation
SMA8401-0000	6	L=14.2 (.559) L1=4.7 (.185) T=1.73 (.068)		B1	T= P.C.B. Thickness
SMA8401A-0000	6	L=13.4 (.528) L1=3.9 (.154) T=1.59 (.063)		B1	T= P.C.B. Thickness
SMA8401B-0000	6	L=14.2 (.559) L1=4.7 (.185) T=1.22 (.048)		B1	T= P.C.B. Thickness
SMA8401C-0000	6	L=14.2 (.559) L1=4.7 (.185) T=0.85 (.033)		B1	T= P.C.B. Thickness
SMA8401D-0000	6	L=14.2 (.559) L1=4.7 (.185) T=2.00 (.079)		B1	T= P.C.B. Thickness
SMA8401F-0000	6	L=14.2 (.559) L1=3.9 (.154) T=1.73 (.068)		B1	T= P.C.B. Thickness
SMA8401H-0000	6	L=14.2 (.559) L1=4.7 (.185) T=0.6 (.024)		B1	T= P.C.B. Thickness
SMA8401I-0000	6	L=13.3 (.524) L1=3.8 (.150) T=1.73 (.068)		B1	T= P.C.B. Thickness
SMA8406-0000	7			B1	

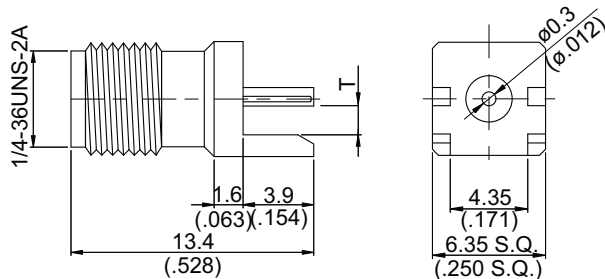


Figure 1

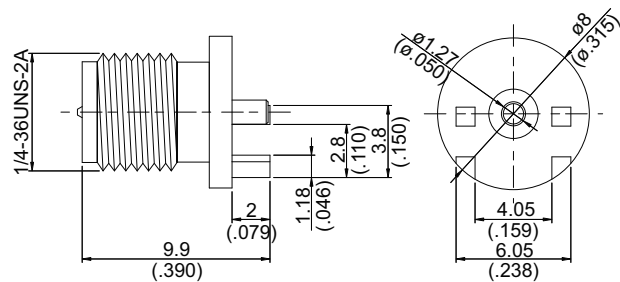


Figure 2

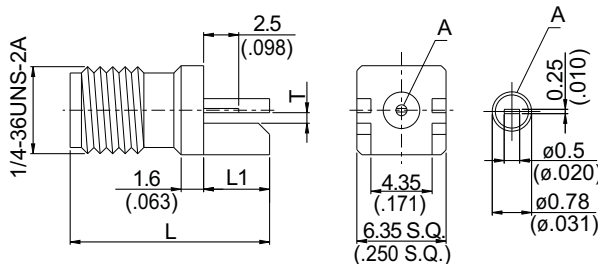


Figure 3

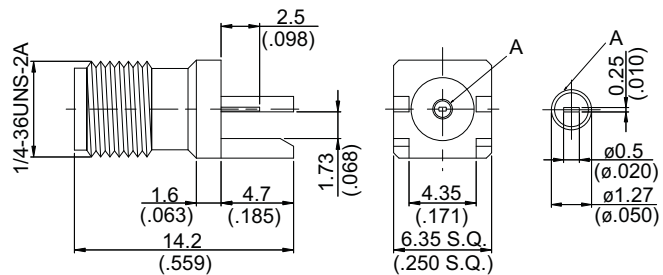


Figure 4

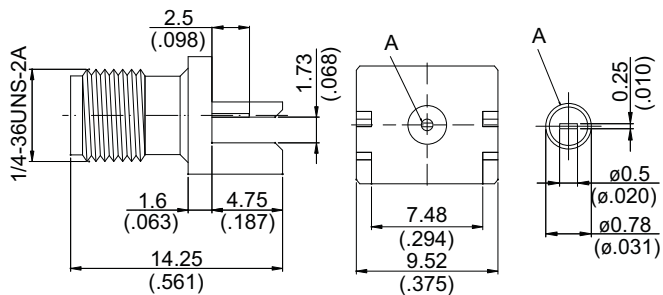


Figure 5

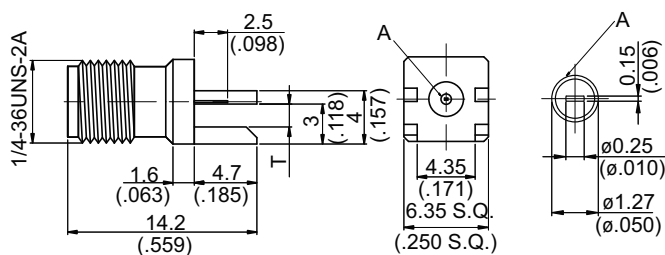


Figure 6

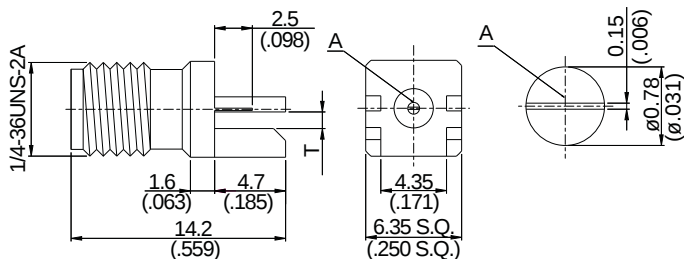


Figure 7

PART NUMBER	Fig.	Measurements	Material	Remarks
SMA JACK P.C.B MOUNT END LAUNCH				
SMA8401E-0000	1	T=1.59(.063)	B1	pin diameter = 0.3mm; T= P.C.B. Thickness
SMA8401G-0000	1	T=1.7(.067)	B1	T= P.C.B. Thickness
SMA9404-0000	2		A1	Reverse Polarity Jack
SMA84ND-0000	3	L=14.20 (.559) L1=4.7(.185) T=0.75 (.030)	B1	T= P.C.B. Thickness
SMA84NE-0000	3	L=14.20 (.559) L1=4.7(.185) T=0.81(.032)	B1	T= P.C.B. Thickness
SMA94ND-0000	3	L=14.20 (.559) L1=4.7(.185) T=0.75 (.030)	A1	T= P.C.B. Thickness; Reverse polarity jack
SMA94NE-0000	3	L=14.20 (.559) L1=4.7(.185) T=0.81(.032)	A1	T= P.C.B. Thickness; Reverse polarity jack
SMA84NDA-0000	3	L=14.20 (.559) L1=4.7(.185) T=0.5 (.020)	B1	T= P.C.B. Thickness
SMA8400M-0000	3	L=14.20 (.559) L1=4.7(.185) T=1.1 (.043)	B1	T= P.C.B. Thickness
SMA9400M-0000	3	L=14.20 (.559) L1=4.7(.185) T=1.1 (.043)	A1	T= P.C.B. Thickness; Reverse polarity jack
SMA8400M1-0000	3	L=14.20 (.559) L1=4.7(.185) T=1.59 (.063)	B1	T= P.C.B. Thickness
SMA8400M5-0000	3	L=14.20 (.559) L1=4.7(.185) T=2.05(.081)	B1	T= P.C.B. Thickness
SMA8401L-0000	3	L=13.3 (.524) L1=3.8(.150) T=1.73(.068)	B1	T= P.C.B. Thickness
SMA8400M4-0000	4		B1	
SMA8434-0000	5		B1	
SMA8400M2-0000	6	T=1.73(.068)	B1	T= P.C.B. Thickness
SMA8400M3-0000	6	T=1.22(.048)	B1	T= P.C.B. Thickness
SMA8400MP-0000	7	T=1.1 (.043)	B1	T= P.C.B. Thickness
SMA8400MP1-0000	7	T=0.8 (.031)	B1	T= P.C.B. Thickness

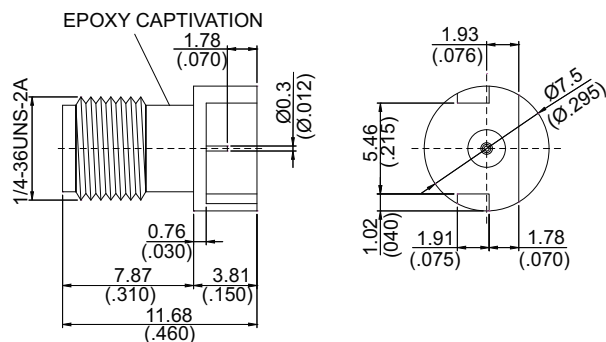


Figure 1

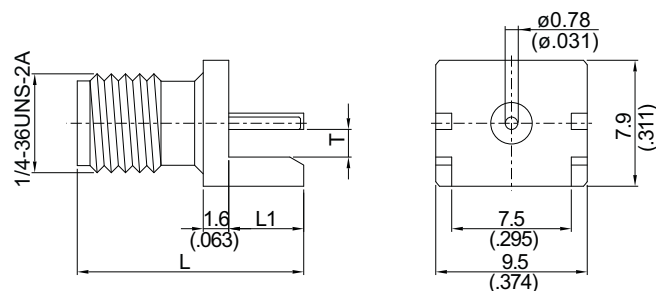


Figure 2

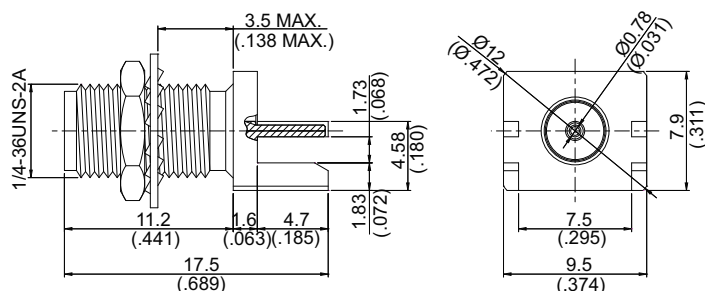


Figure 3

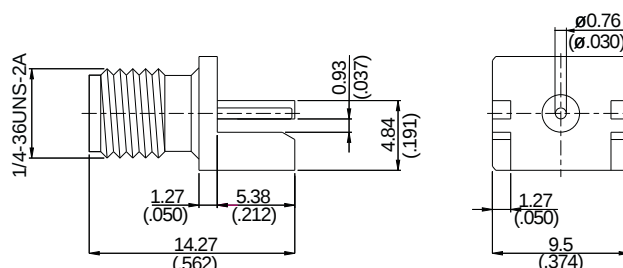


Figure 4

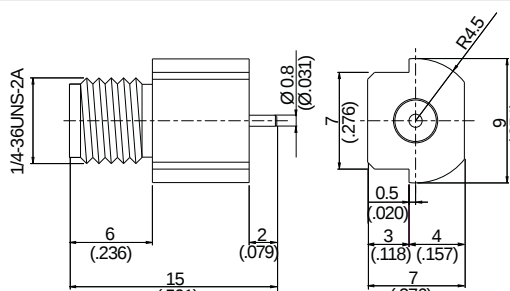


Figure 5

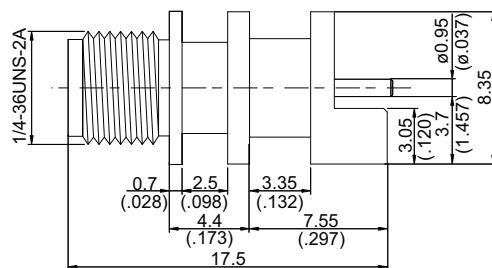


Figure 6

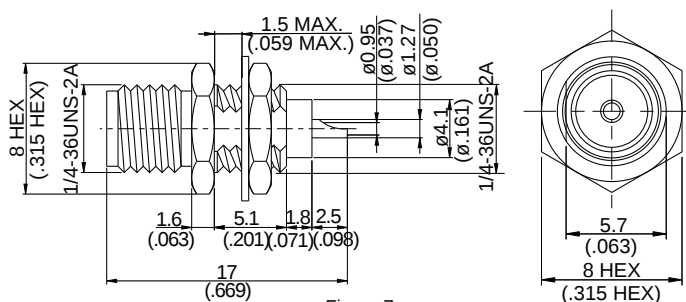


Figure 7

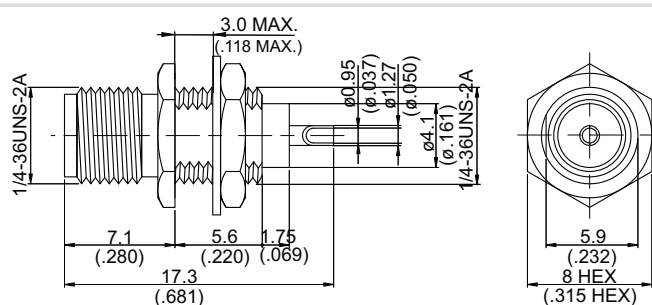
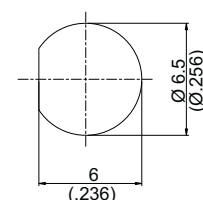
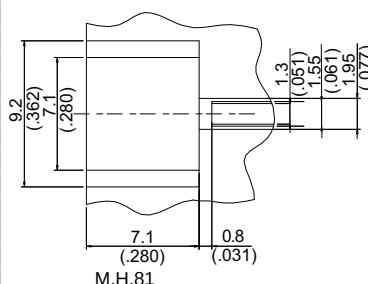


Figure 8

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK P.C.B MOUNT END LAUNCH					
SMA84ST-0000	1			B1	Up To 27GHz
SMA8431-0000	2	L=14.20 (.559) L1=4.7 (.185) T=1.73 (.068)		B1	T= P.C.B. Thickness
SMA8431B-0000	2	L=14.27 (.562) L1=5.38 (.212) T=0.65 (.026)		B1	T= P.C.B. Thickness
SMA8431-LH00	2	L=14.20 (.559) L1=4.7 (.185) T= 2.54 (.100)		B1	T= P.C.B. Thickness
SMA8432-0000	2	L=16.80 (.661) L1=4.7 (.185) T=1.73 (.068)		B1	T= P.C.B. Thickness
SMA8433-0000	2	L=17.50 (.689) L1=4.7 (.185) T= 1.73 (.068)		B1	T= P.C.B. Thickness
SMA9432-0000	2	L=16.80 (.661) L1=4.7 (.185) T=1.73 (.068)		A1	T= P.C.B. Thickness Reverse Polarity Jack
SMA8435-0000	2	L=21.50 (.846) L1=4.7 (.185) T=1.73 (.068)		B1	T= P.C.B. Thickness; Includes Nut & Washer
SMA8435A-0000	2	L=21.50 (.846) L1=4 (.157) T=1.73 (.068)		B1	
SMA8433A-0000	3			B1	
SMA8433A-00AB	3			B1	Expoxy Captivated
SMA8431A-0000	4			B1	
SMA9431A-0000	4			A1	Reverse Polarity Jack
SMA8500B-0000	6			B1	
SMA JACK P.C.B EDGE MOUNT					
SMA8400P-0000	5		81	B1	
SMA JACK FOR BULKHEAD					
SMA8500-0000	7		2	B1	
SMA8500S-0000	7		2	B3	Stainless
SMA8500-000K	8		2	B1	



M.H.2



M.H.81

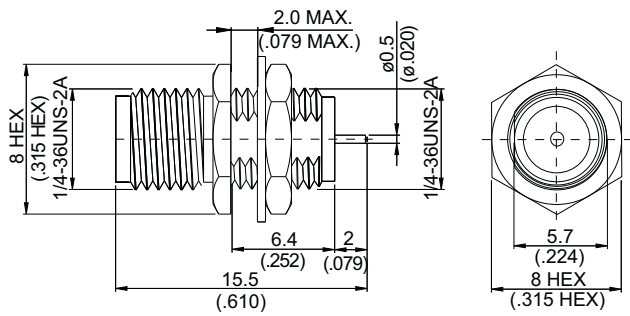


Figure 1

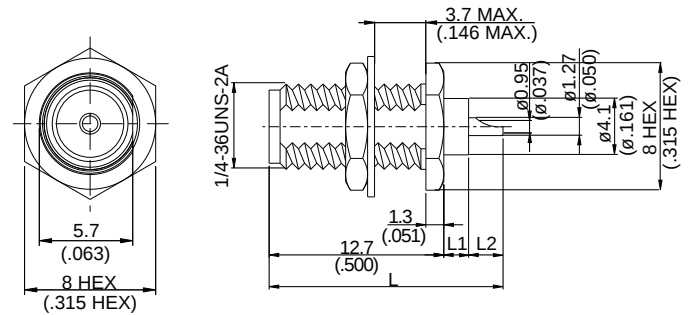


Figure 2

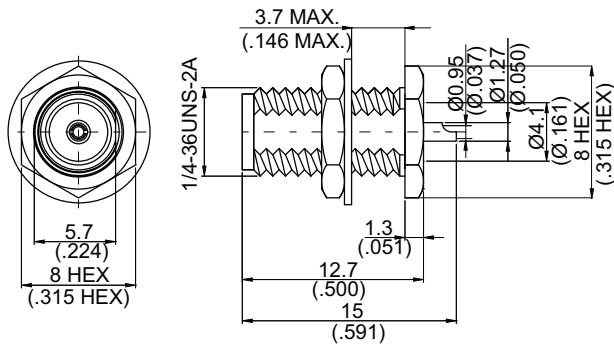


Figure 3

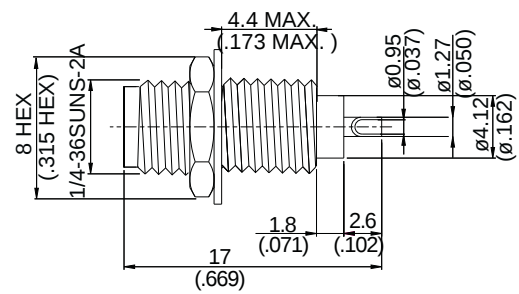


Figure 4

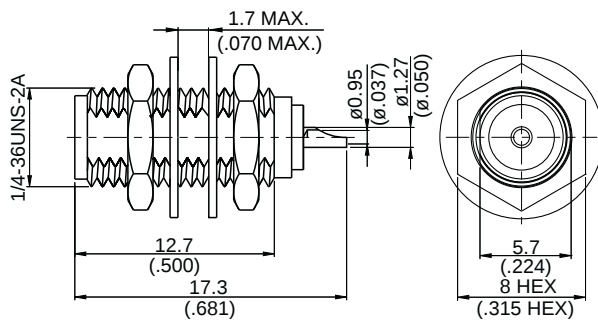


Figure 5

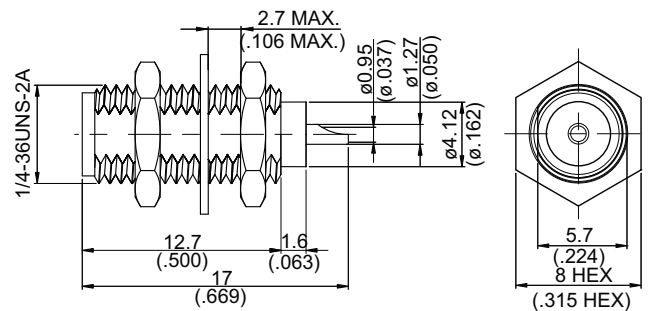


Figure 6

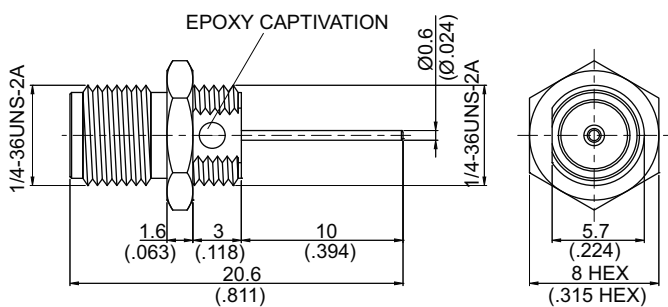
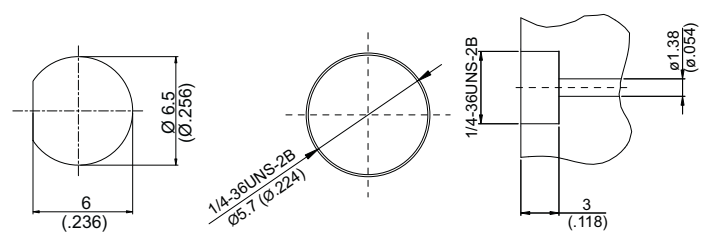


Figure 7



M.H.2

M.H.43

M.H.44

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK FOR BULKHEAD					
SMA8500A-0000	1		2	B1	
SMA8501-0000	2	L=15.1 (.594) L1=0.8 (.031) L2=1.6 (.063)	2	B1	
SMA8501A-0000	2	L=17 (.669) L1=1.8 (.071) L2=2.5 (.098)	2	B1	
SMA8501S-0000	2	L=15 (.591) L1=0.8 (.031) L2=1.5 (.059)	2	B3	Stainless
SMA9501-0000	2	L=15.35 (.594) L1=0.8 (.031) L2=1.85 (.073)	2	A1	Reverse Polarity Jack
SMA8501A1-0000	3		2	B1	
SMA8502-0000	4		43	B1	
SMA8502S-0000	4		43	B3	Stainless
SMA8503-LH00	5		2	B1	
SMA8503-LHAB	5		2	B1	Epoxy Captivation
SMA8503A-0000	6		2	B1	
SMA8503-0000	7		44	B1	Epoxy Captivation

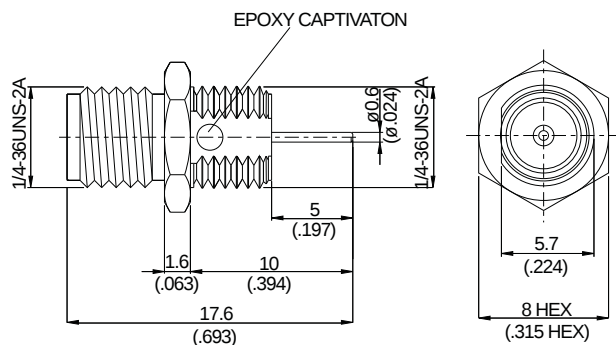


Figure 1

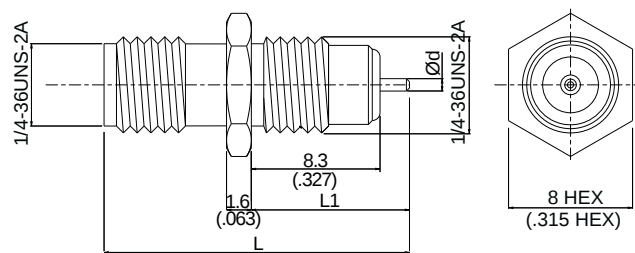


Figure 2

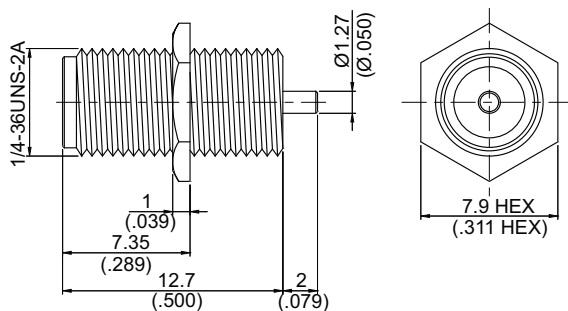


Figure 3

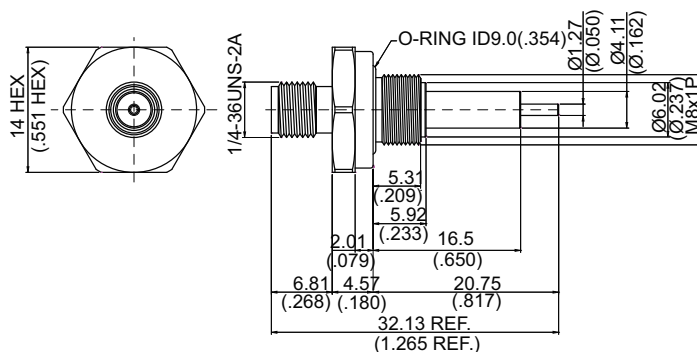


Figure 4

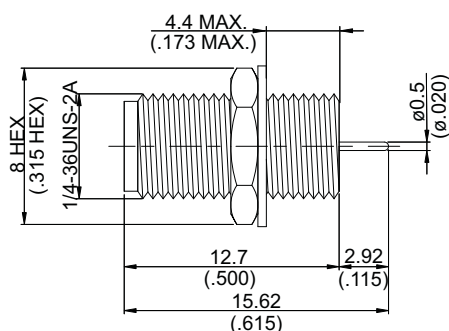


Figure 5

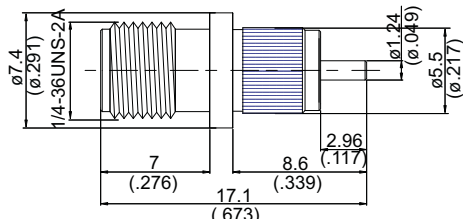


Figure 6

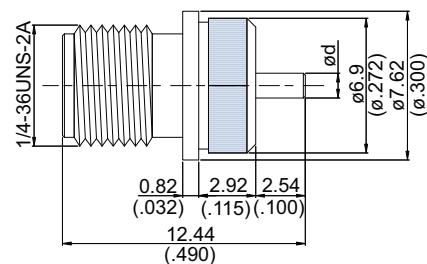
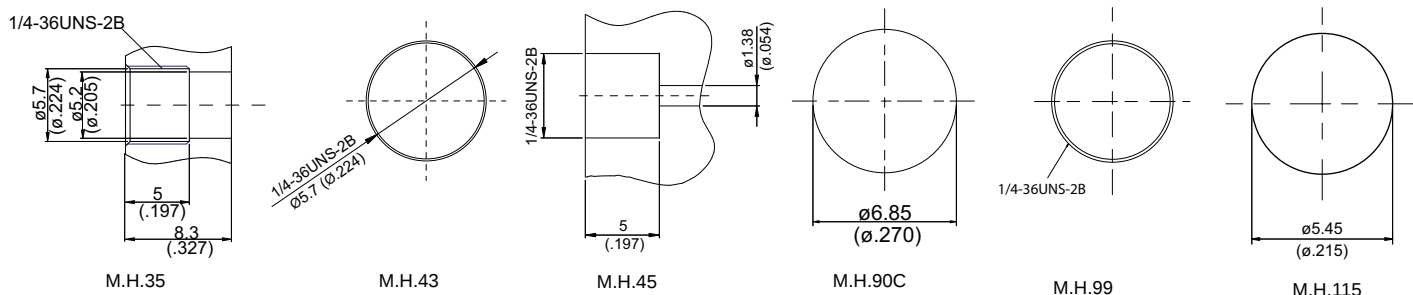


Figure 7



M.H.35

M.H.43

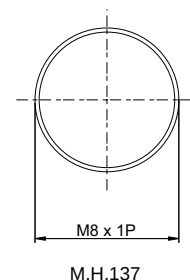
M.H.45

M.H.90C

M.H.99

M.H.115

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK FOR BULKHEAD					
SMA8504-0000	1		45	B1	Epoxy Captivation
SMA8505A-0000	2	d=0.8 (.031); L=19.55(.770); L1=10.05(.396)	35	B1	
SMA8505B-0000	2	d=1.27 (.050); L=19.7(.766); L1=10.2(.401)	35	B1	
SMA85CPC-0000	3		99	B1	
SMA8506S-0000	5		43	B3	
SMA85PW-0000/HS	4		137	B1	IP68 compliant (unmated); pin captivation: 6 lbs axial; 4 in *oz radially; Low inter modulation; See Note Page 26
SMA JACK PRESS FIT FOR BULKHEAD					
SMA850P-0000	6		115	B14	
SMA850P1-0000	7	d=1.27 (.050)	90C	B1	Straight Knurl Captivated Pin
SMA850P4-0000	7	d=1.27 (.050)	90C	B1	Epoxy Captivated Pin; VSWR 1.2 up to 18 GHz
SMA850P5-0000	7	d=0.6 (.024)	90C	B1	Epoxy Captivated Pin; VSWR 1.2 up to 18 GHz



M.H.137

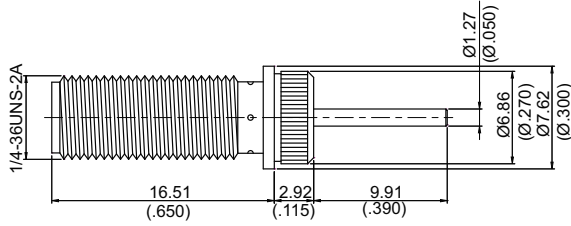


Figure 1

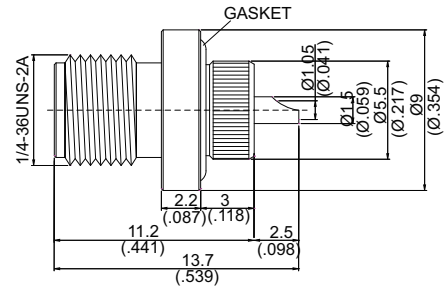


Figure 2

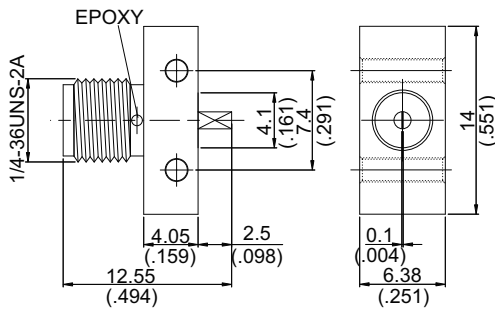


Figure 3

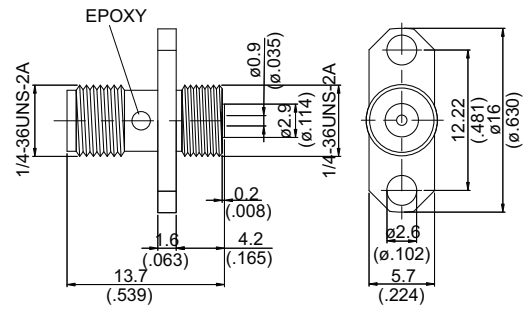


Figure 4

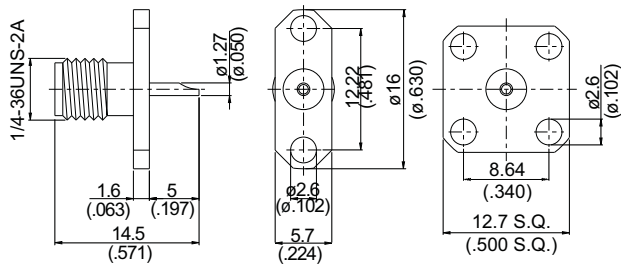


Fig. 5-1: 2-hole flange

Fig. 5-2: square flange

Figure 5

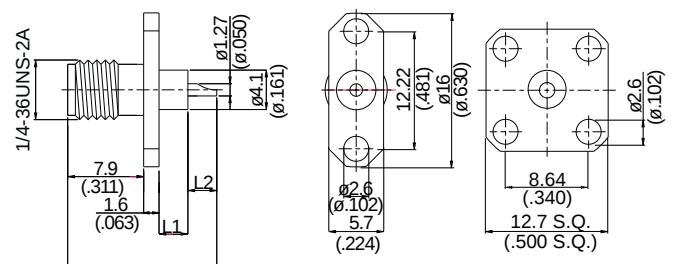
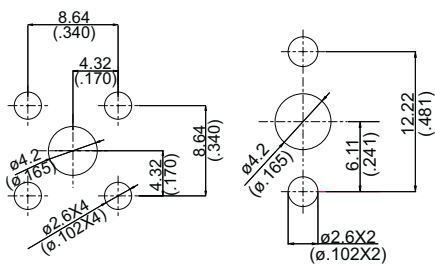


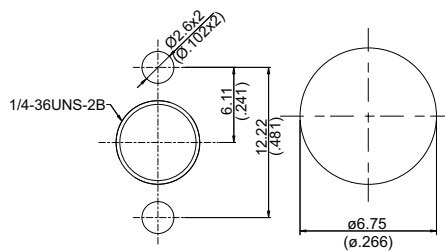
Fig. 6-1: 2-hole flange Fig. 6-2: square flange

Figure 6



M.H.18

M.H.19



M.H.43A

M.H.90A

M.H.120

M.H.138

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
SMA JACK PRESS FIT FOR BULKHEAD					
SMA850PL-0000	1		90A	B1	
SMA850P3-0000	2		138	B1	
SMA JACK FOR PANEL RECEPTACLE					
SMA860A-0000	3		120	B3	
SMA862J-00AB	4		43A	B1	Epoxy Captivation; 2 Hole Flange
SMA862A-0000	5-1			B1	2 Hole Flange
SMA862AS-0000	5-1			B3	Epoxy Captivation; 2 Hole Flange; Stainless
SMA864A-0000	5-2			B1	4 Hole Flange
SMA864AE-0000	5-2			B1	Epoxy Captivation; 4 Hole Flange
SMA864AS-0000	5-2			B3	Epoxy Captivation; 4 Hole Flange; Stainless
SMA862A1-0000	6-1	L=15.5(.610); L1=3(.118); L2=3(.118)	19	B1	Epoxy Captivated; 2 Hole Flange
SMA862A2-0000	6-1	L=17.5(.689); L1=5(.197); L2=3(.118)	19	B1	Epoxy Captivated; 2 Hole Flange
SMA864A1-0000	6-2	L=15.5(.610); L1=3(.118); L2=3(.118)	18	B1	Epoxy Captivated; 4 Hole Flange
SMA864A2-0000	6-2	L=17.5(.689); L1=5(.197); L2=3(.118)	18	B1	Epoxy Captivated; 4 Hole Flange

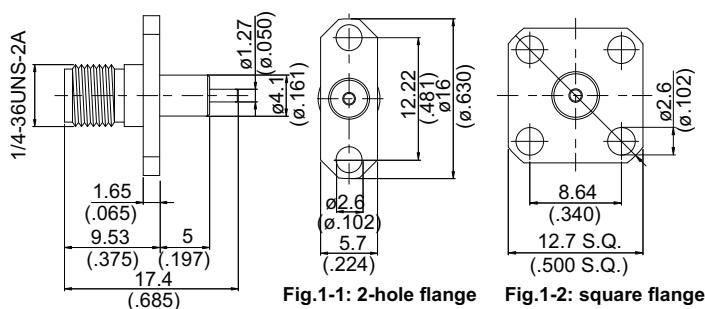


Figure 1

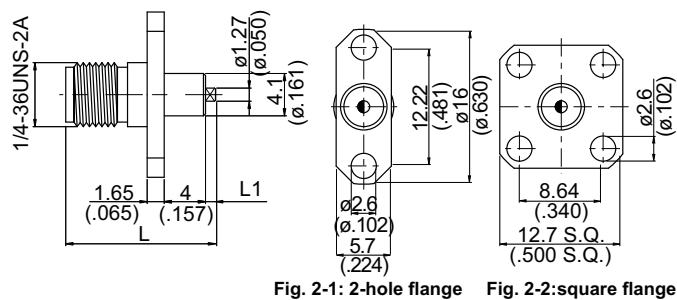


Figure 2

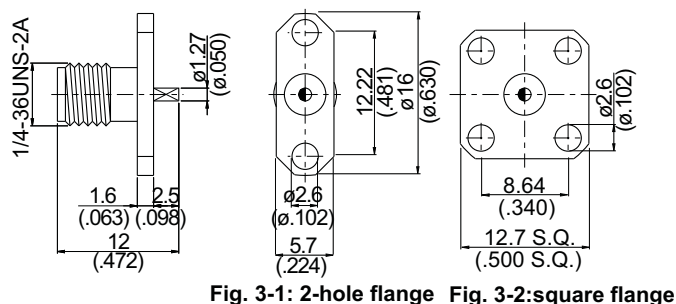


Figure 3

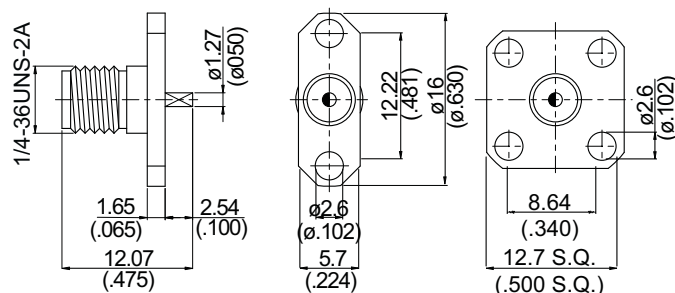


Figure 4

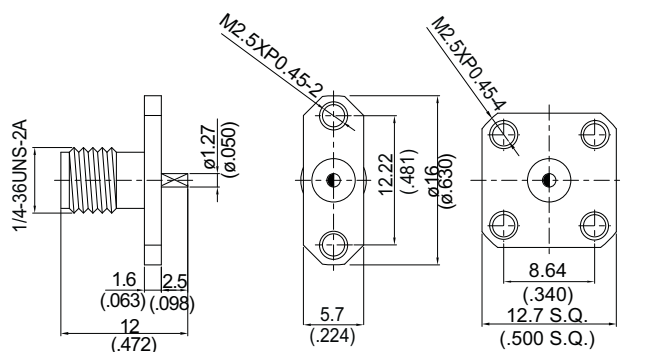


Figure 5

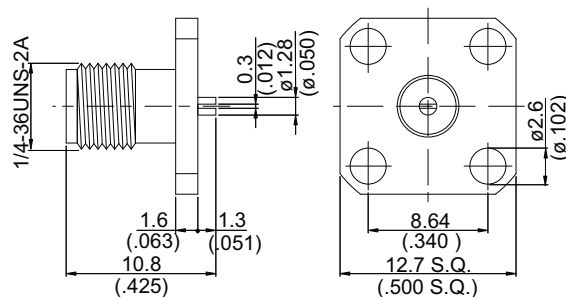


Figure 6

PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMA JACK FOR PANEL RECEPTACLE					
SMA862H1-0000	1-1		19	B1	2 Hole Flange
SMA864H1-0000	1-2		18	B1	4 Hole Flange
SMA862HK-0000	2-1	L=14.5(.571); L1=1(.039)	19	B1	2 Hole Flange
SMA862HK-0002	2-1	L=15.5(.610); L1=2(.079)	19	B1	2 Hole Flange
SMA862HKS-0000	2-1	L=14.5(.571); L1=1(.039)	19	B3	Stainless ; 2 Hole Flange
SMA864HK-0000	2-2	L=14.5(.571); L1=1(.039)	18	B1	4 Hole Flange
SMA864HKS-0000	2-2	L=14.5(.571); L1=1(.039)	18	B3	Stainless ; 4 Hole Flange
SMA862K-0000	3-1			B1	2 Hole Flange
SMA862KS-0000	3-1			B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864K-0000	3-2			B1	4 Hole Flange
SMA864KS-0000	3-2			B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA862K1-0000	4-1			B1	2 Hole Flange
SMA862K1S-0000	4-1			B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864K1-0000	4-2			B1	4 Hole Flange
SMA864K1S-0000	4-2			B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA862KT-0000	5-1			B1	2 Hole Flange
SMA862KTS-0000	5-1			B3	Stainless; 2 Hole Flange
SMA864KT-0000	5-2			B1	4 Hole Flange
SMA864KTS-0000	5-2			B3	Stainless; 4 Hole Flange
SMA8640-00SL/W	6			B2	Tin-Zinc-copper plated body; Captivated Center Contact

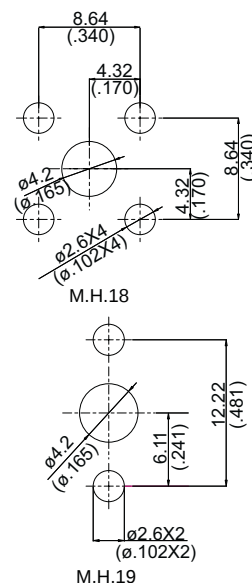


Fig. 1-1: 2-hole flange Fig. 1-2:square flange

Figure 1



Figure 2

M.H.18

M.H.18A

M.H.19

M.H.37

M.H.38

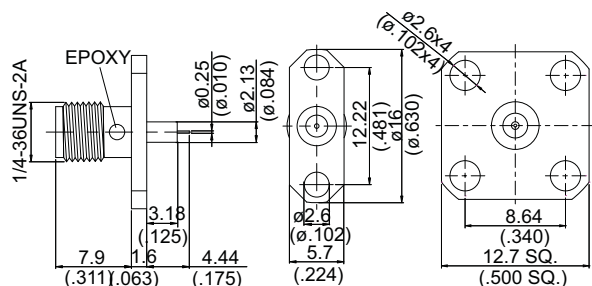


Figure 1
Fig. 1-1: 2-hole flange Fig. 1-2: square flange

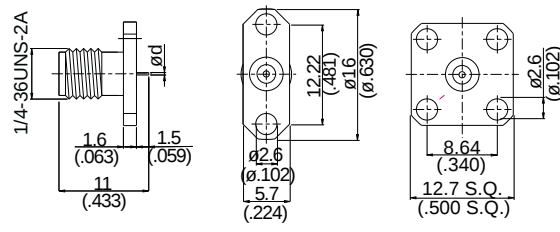


Figure 2
Fig. 2-1: 2-hole flange Fig. 2-2: square flange

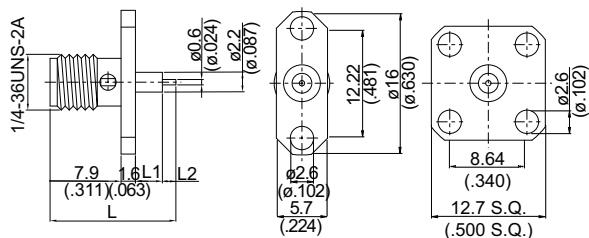


Figure 3
Fig. 3-1: 2-hole flange Fig. 3-2: square flange

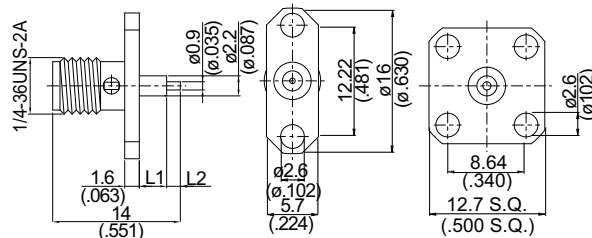


Figure 4
Fig. 4-1: 2-hole flange Fig. 4-2: square flange

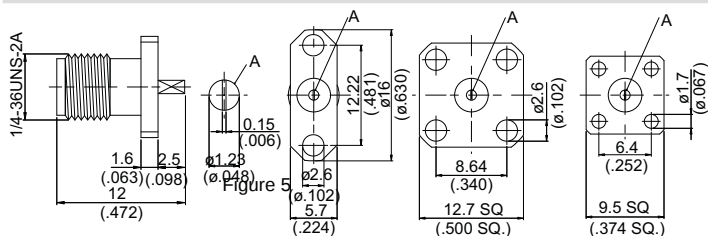
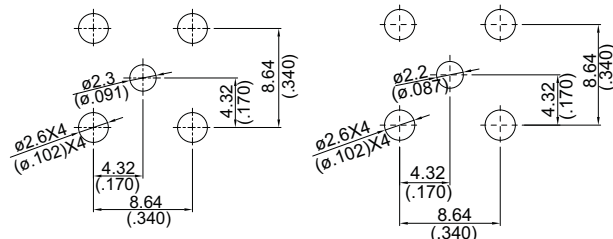


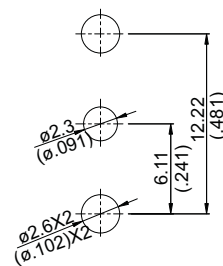
Figure 5
Fig. 5-1: 2-hole flange Fig. 5-2: square flange Fig. 5-3: square flange



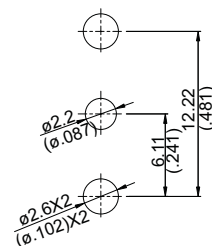
M.H 37

M.H 37A

PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMA JACK FOR PANEL RECEPTACLE					
SMA862NS-0044	1-1		38A	B3	Stainless;Epoxy captivation; 2 Hole Flange
SMA862NSG-0044	1-1		38A	B14	Gold Plated Stainless; Epoxy Captivation; 2 Hole Flange
SMA864NS-0044	1-2		37A	B3	Stainless ;Epoxy captivation; 4 Hole Flange
SMA864NSG-0044	1-2		37A	B14	Gold Plated Stainless; Epoxy Captivation; 4 Hole Flange
SMA862N5-0000	2-1	d=0.3(.012)		B1	2 Hole Flange
SMA862N5-0025	2-1	d=0.25(.010)		B1	2 Hole Flange
SMA862N5S-0000	2-1	d=0.3(.012)		B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA862N5S-0025	2-1	d=0.25(.010)		B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA862N7S-0000	2-1	d=0.9(.035)		B3	Stainless ;Epoxy captivation;2 Hole Flange
SMA864N5-0000	2-2	d=0.3(.012)		B1	4 Hole Flange
SMA864N5-0025	2-2	d=0.25(.010)		B1	4 Hole Flange
SMA864N5S-0000	2-2	d=0.3(.012)		B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA864N5S-0025	2-2	d=0.25(.010)		B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA862N3-0000	3-1	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	38	B1	2 Hole Flange
SMA862N3-00AB	3-1	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	38	B1	Epoxy Captivation; 2 Hole Flange
SMA862N3A-0000	3-1	L=15.35 (.604) L1=5.35 (.211) L2=0.5 (.020)	38	B1	2 Hole Flange
SMA862N3B-0000	3-1	L=16.9 (.665) L1=5.35 (.211) L2=2.05 (.081)	38	B1	2 Hole Flange
SMA862N3S-0000	3-1	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	38	B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864N3-0000	3-2	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	37	B1	4 Hole Flange
SMA864N3-00AB	3-2	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	37	B1	Epoxy Captivation; 4 Hole Flange
SMA864N3S-0000	3-2	L=14 (.551) L1=3 (.118) L2=1.5 (.059)	37	B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA864N7-0000	3-2	L=12 (.472) L1=0 (.000) L2=2.5 (.098)		B2	4 Hole Flange
SMA862N4-0000	4-1	L1=3(.118) L2=1.5(.059)	38	B1	2 Hole Flange
SMA862N4-00AB	4-1	L1=3(.118) L2=1.5(.059)	38	B1	Epoxy Captivation; 2 Hole Flange
SMA862N4S-0000	4-1	L1=3(.118) L2=1.5(.059)	38	B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864N4-0000	4-2	L1=3(.118) L2=1.5(.059)	37	B1	4 Hole Flange
SMA864N4-00AB	4-2	L1=3(.118) L2=1.5(.059)	37	B1	Epoxy Captivation; 4 Hole Flange
SMA864N4S-0000	4-2	L1=3(.118) L2=1.5(.059)	37	B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA862P-0000	5-1			B1	2 Hole Flange
SMA862P-00AB	5-1			B1	Epoxy Captivation; 2 Hole Flange
SMA862PS-0000	5-1			B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864P-0000	5-2			B1	4 Hole Flange
SMA864P-00AB	5-2			B1	Epoxy Captivation; 4 Hole Flange
SMA864P1-00AB	5-3			B1	Epoxy Captivation; 4 Hole Flange
SMA864PS-0000	5-2			B3	Stainless; Epoxy Captivation; 4 Hole Flange



M.H 38



M.H 38A

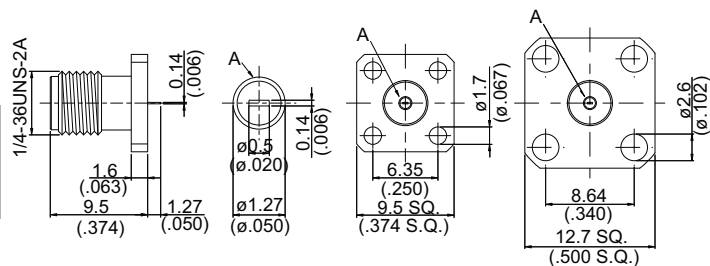


Fig 1-1: 4-hole flange Fig 1-2: 4-hole flange

Figure 1

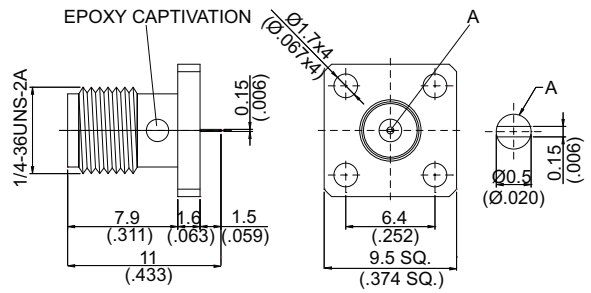


Figure 2

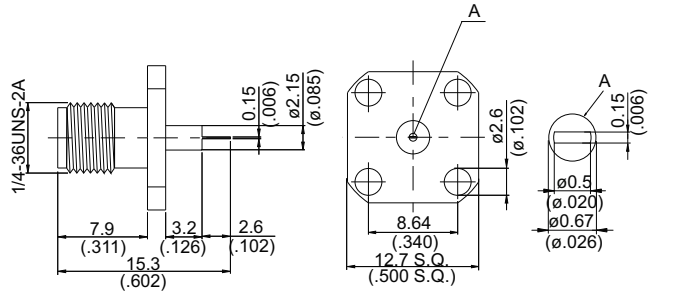


Figure 3

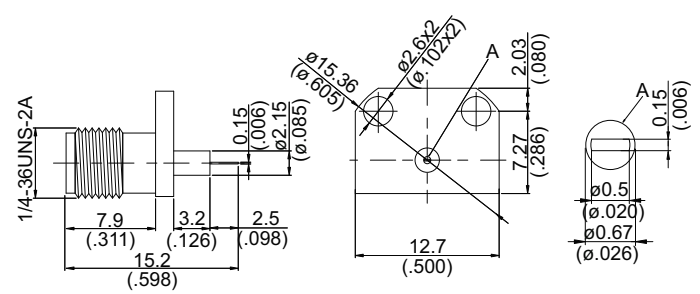


Figure 4

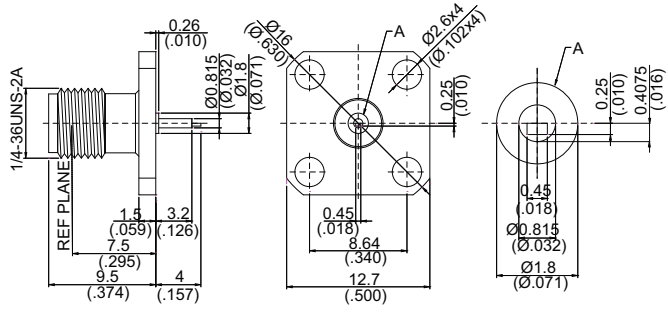


Figure 5

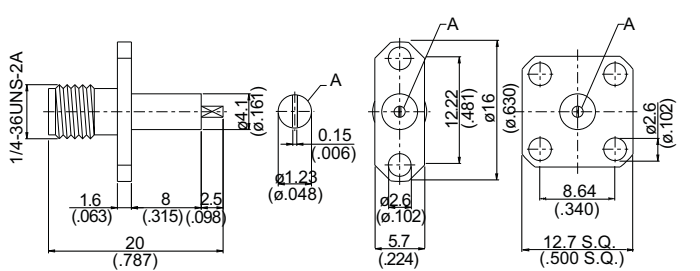


Figure 6

Fig. 6-1: 2-hole flange Fig. 6-2: square flange

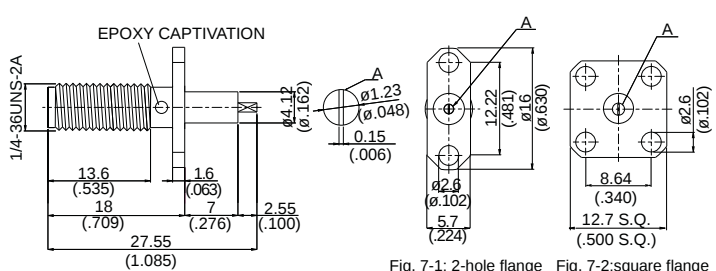
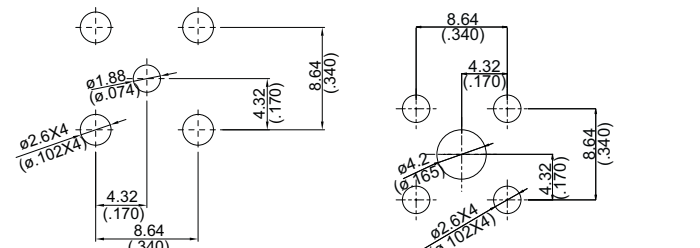


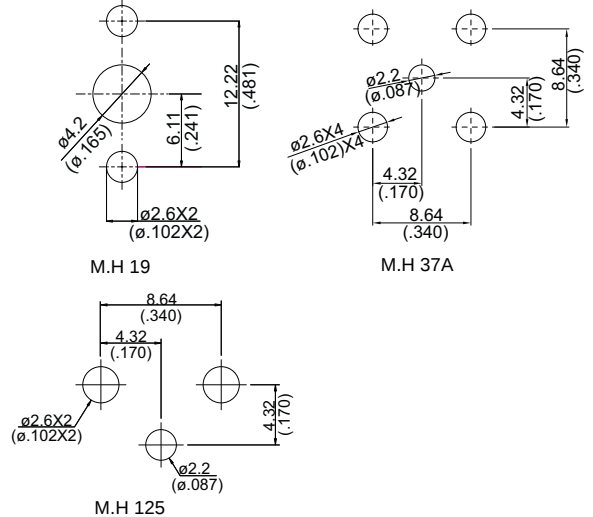
Figure 7

Fig. 7-1: 2-hole flange Fig. 7-2: square flange



M.H 16A

M.H 18



M.H 19

M.H 37A

M.H 125

PART NUMBER	Fig.	M.H.	Material	Remarks
SMA JACK FOR PANEL RECEPTACLE				
SMA864P2-0000	1-1		B1	Epoxy Captivation
SMA864P2S-0000	1-1		B3	Stainless; Epoxy Captivation
SMA864P3-0000	1-2		B1	Epoxy Captivation
SMA864P3S-0000	1-2		B3	Stainless; Epoxy Captivation
SMA864PS2-00AB	2		B3	Stainless; Epoxy Captivation
SMA864PS-0002	3	37A	B3	Non-Captivated Pin
SMA864PSA-0002	3	37A	B3	single barb captivated pin
SMA864PS-0004	4	125	B3	Non-Captivated Pin
SMA864PSG-0815	5	16A	B14	Gold Plated Stainless
SMA862PL-00AB	6-1	19	B1	Epoxy Captivation; 2 Hole Flange
SMA862PLS-0000	6-1	19	B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864PL-0000	6-2	18	B1	4 Hole Flange
SMA864PL-00AB	6-2	18	B1	Epoxy Captivation; 4 Hole Flange
SMA864PLS-0000	6-2	18	B3	Stainless; Epoxy Captivation; 4 Hole Flange
SMA862PNL-00AB	7-1	19	B1	Epoxy Captivation; 2 Hole Flange
SMA862PNLS-00AB	7-1	19	B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA864PNL-00AB	7-2	18	B1	Epoxy Captivation; 4 Hole Flange
SMA864PNLS-00AB	7-2	18	B3	Stainless ; Epoxy Captivation; 4 Hole Flange

Material & Plating: See Page 374

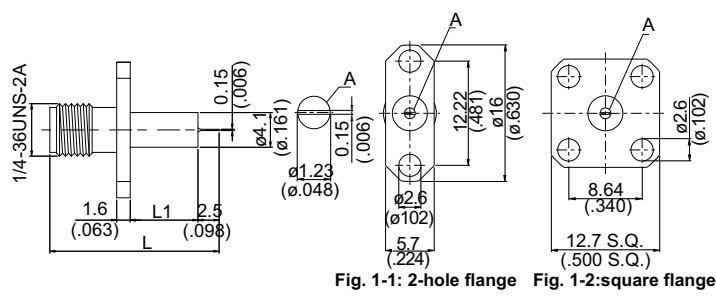


Figure 1

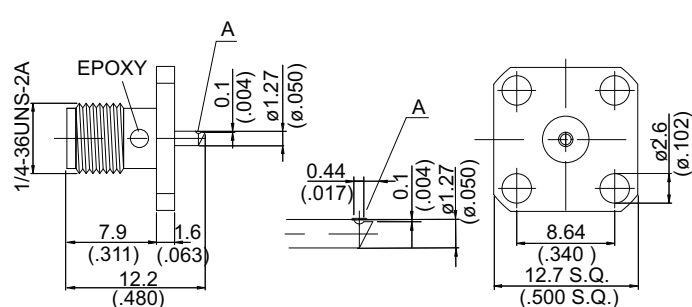


Figure 2

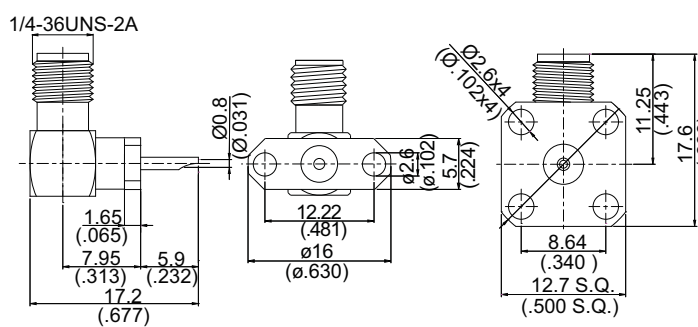


Figure 3

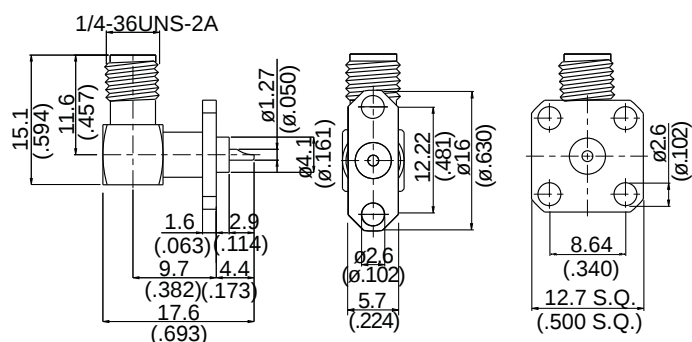


Figure 4

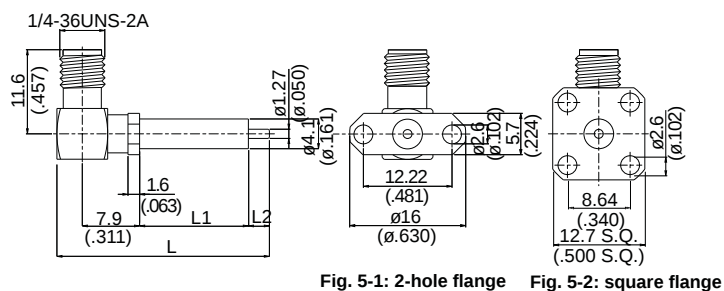
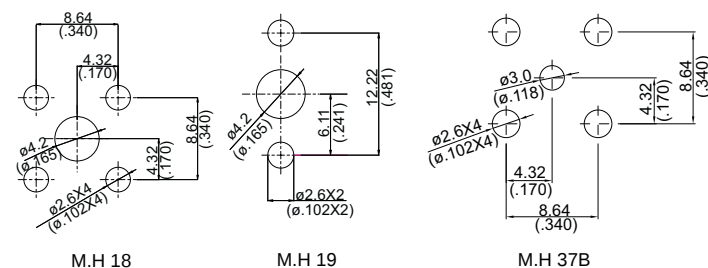


Figure 5



PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMA JACK FOR PANEL RECEPTACLE					
SMA862PP-0000	1-1	L=20(.787) L1=8(.315)	19	B1	2 Hole Flange
SMA862PP1-0000	1-1	L=16(.630) L1=4(.157)	19	B1	Epoxy Captivation; 2 Hole Flange
SMA862PPS-0000	1-1	L=20(.787) L1=8(.315)	19	B3	Stainless; Epoxy Captivation; 2 Hole Flange
SMA862PP1S-0000	1-1	L=16(.630) L1=4(.157)	19	B3	Stainless;Epoxy Captivation; 2 Hole Flange
SMA864PP-0000	1-2	L=20(.787) L1=8(.315)	18	B1	4 Hole Flange
SMA864PP1-0000	1-2	L=16(.630) L1=4(.157)	18	B1	Epoxy Captivation; 4 Hole Flange
SMA864PPS-0000	1-2	L=20(.787) L1=8(.315)	18	B3	Stainless;Epoxy Captivation; 4 Hole Flange
SMA864PP1S-0000	1-2	L=16(.630) L1=4(.157)	18	B3	Stainless;Epoxy Captivation; 4 Hole Flange
SMA864SG-CM00	2		37B	B3	Epoxy Captivation
SMA JACK FOR PANEL RECEPTACLE RIGHT ANGLE					
SMA862A-9000	3-1			B1	2 Hole Flange
SMA864A-9000	3-2			B1	4 Hole Flange
SMA862C-9000	4-1		19	B1	2 Hole Flange
SMA864C-9000	4-2		18	B1	4 Hole Flange
SMA862L-9000	5-1	L=29.3 (1.154) L1=15 (.591) L2=2.9 (.114)	19	B1	2 Hole Flange
SMA862LS-9000	5-1	L=29.3 (1.154) L1=15 (.591) L2=2.9 (.114)	19	B3	Stainless; 2 Hole Flange
SMA862L1-9000	5-1	L=27.3 (1.075) L1=12.7 (.500) L2=3.2 (.126)	19	B1	2 Hole Flange
SMA862L1S-9000	5-1	L=27.3 (1.075) L1=12.7 (.500) L2=3.2 (.126)	19	B3	Stainless; 2 Hole Flange
SMA862L2-9000	5-1	L=23.4 (.921) L1=9.0 (.354) L2=3.0 (.118)	19	B1	2 Hole Flange
SMA862L2S-9000	5-1	L=23.4 (.921) L1=9.0 (.354) L2=3.0 (.118)	19	B3	Stainless; 2 Hole Flange
SMA864L-9000	5-2	L=29.3 (1.154) L1=15 (.591) L2=2.9 (.114)	18	B1	4 Hole Flange
SMA864LS-9000	5-2	L=29.3 (1.154) L1=15 (.591) L2=2.9 (.114)	18	B3	Stainless; 4 Hole Flange
SMA864L1-9000	5-2	L=27.3 (1.075) L1=12.7 (.500) L2=3.2 (.126)	18	B1	4 Hole Flange
SMA864L1S-9000	5-2	L=27.3 (1.075) L1=12.7 (.500) L2=3.2 (.126)	18	B3	Stainless; 4 Hole Flange
SMA864L2-9000	5-2	L=23.4 (.921) L1=9.0 (.354) L2=3.0 (.118)	18	B1	4 Hole Flange
SMA864L2S-9000	5-2	L=23.4 (.921) L1=9.0 (.354) L2=3.0 (.118)	18	B3	Stainless; 4 Hole Flange

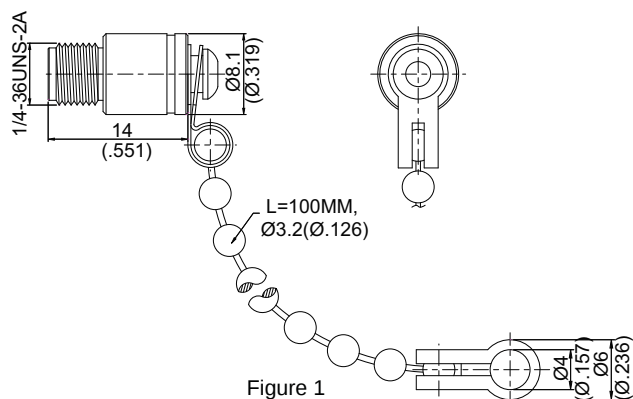


Figure 1

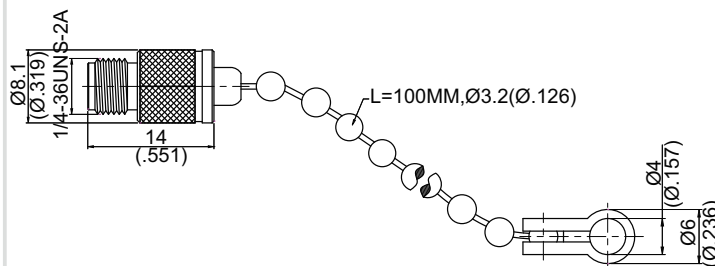


Figure 2

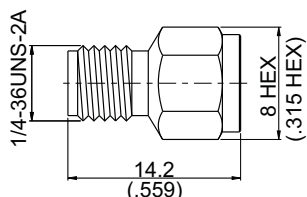


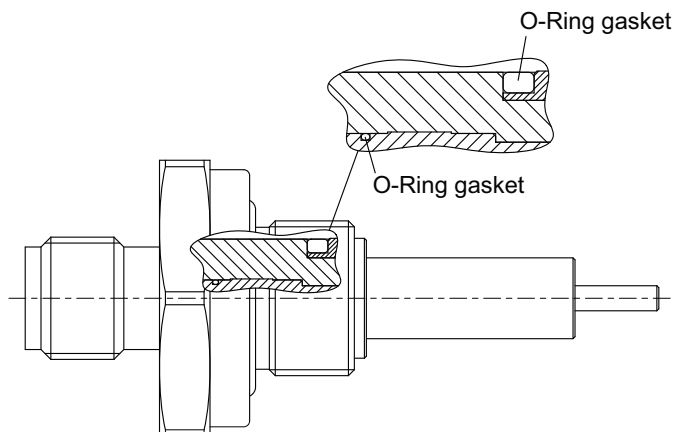
Figure 3

PART NUMBER	Fig.	Material	Remarks
SMA JACK CAP			
SMA8800-0000	1	1	
SMA8800A-0000	2	1	
SMA JACK TERMINATOR			
SMA8900-0006	3	C1	2W Average Power; VSWR≤1.2 up to 6GHz
SMA8900-0018	3	B1	2W Average Power; 18=18GHz
SMA8900S-0018	3	B3	2W Average Power; 18=18GHz; Stainless

NOTE ON HERMETICALLY SEALED CONNECTORS

Hermetically sealed connectors are often required for RF and microwave components such as amplifiers, switches, mixers, filters etc. Hermetically sealed connectors are usually available with either a glass/ceramic seal design or an o-ring seal design. Jyebao currently offers the latter design: we use a silicone o-ring gasket that functions as a hermetic seal between the connector and package housing.

Example:SMA85PW-0000/HS



Performance:

Jyebao hermetic connectors are specified at a hermeticity of 1×10^{-5} cc/sec.

Connectors are tested in accordance with MIL-STD-202 ,method 112 test condition A.

Jyebao hermitically sealed connectors meet the same electrical, mechanical and environmental requirements as our regular connectors.

Part Numbering:

To create a part number for a hermetically sealed version: add a '/HS' suffix to the regular part number. Please note that we can offer a hermetically sealed version for many but not all of our standard connectors.

Example: N8305-0000/HS refers to a hermetically sealed version of N8305-0000.

SMA SERIES

SMA Field Replaceable Connectors

SMA

SMA field replaceable connectors are also referred to as hermetic seal launcher, spark plug launcher or MIC launcher. They are designed for mounting on a hermetic seal, which allows for a smooth transition from a microstrip circuitry to a coaxial transmission line. Usually an EMI gasket placed in a groove on the rear of the panel receptacle is used in combination with the hermetic seal to provide good RF grounding and guard against RF leakage. Please note that to obtain good results the hermetic seal pin diameter should always be chosen as close as possible to the microstrip trace width.

SMA field replaceable connectors can also be used with contacts without a hermetic seal which offers the advantage that one can replace connectors without disturbing the electrical circuit while reducing inventory costs at the same time.

Please note that connectors and hermetic seals/field replaceable contacts have to be purchased separately.

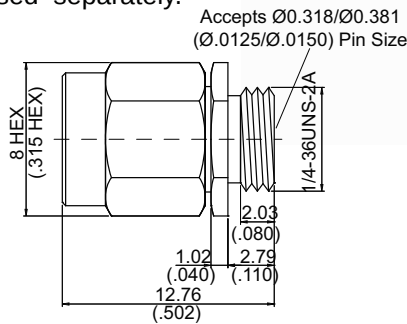


Figure 1

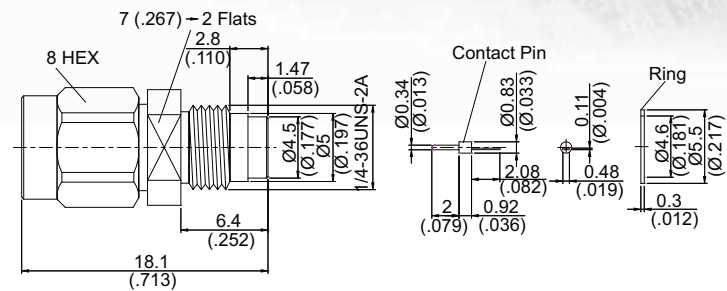


Figure 2

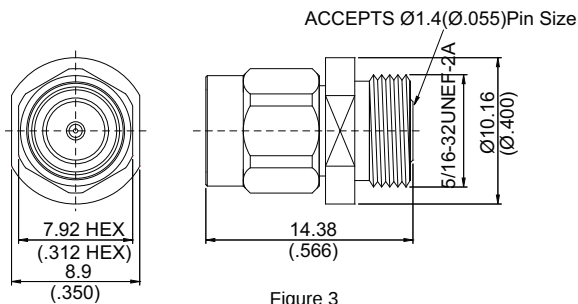


Figure 3

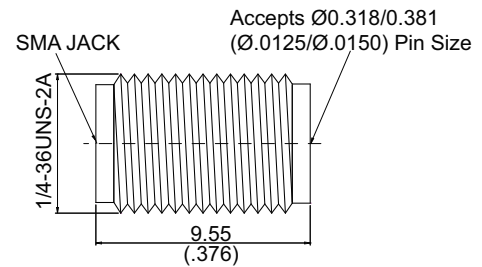


Figure 4

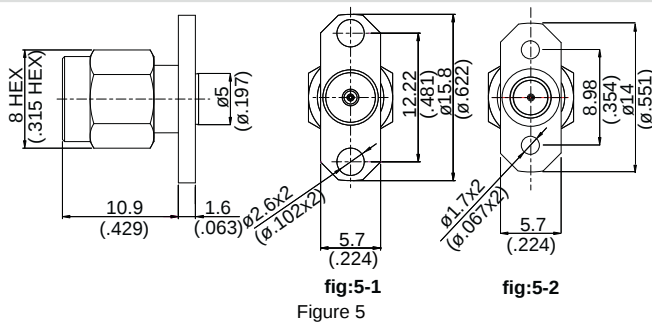
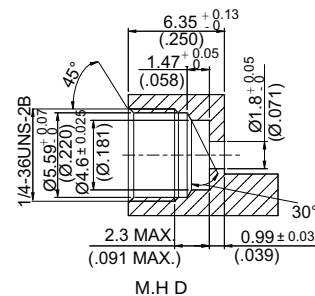


Figure 5



M.H.D

PART NUMBER	Fig.	Material	M.H	Accepts Pin Size	EMI Gasket	Typical VSWR
SMA THREAD IN MOUNT FIELD REPLACEABLE PLUG						
SMA3F00-12/15	1	B6		See Drawing	No	
SMA3F00S-0134/HS	2	B6	D	See Drawing	No	Hermetically Sealed
SMA3200S-0190	3	A6		See Drawing	No	
SMA THREAD IN MOUNT FIELD REPLACEABLE JACK						
SMA8F00-125/15	4	B3		See Drawing	No	
2-HOLE FLANGE FIELD REPLACEABLE PLUG						
SMA3F26A-0012	5-1	B6		0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26A-0015	5-1	B6		0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26A-0018	5-1	B6		0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26A-0020	5-1	B6		0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26A-0036	5-1	B6		0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26B-0012	5-2	B6		0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26B-0015	5-2	B6		0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26B-0018	5-2	B6		0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26B-0020	5-2	B6		0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz
SMA3F26B-0036	5-2	B6		0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz

Material & Plating: See Page 374

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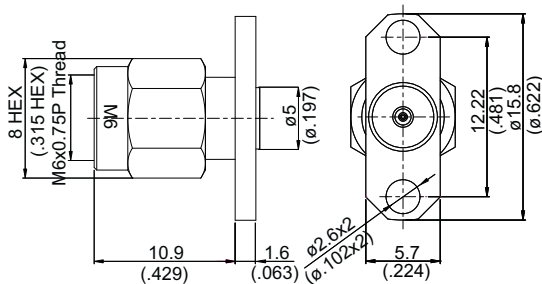


Figure 1

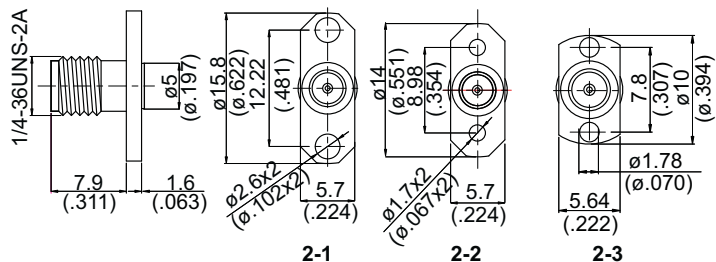


Figure 2

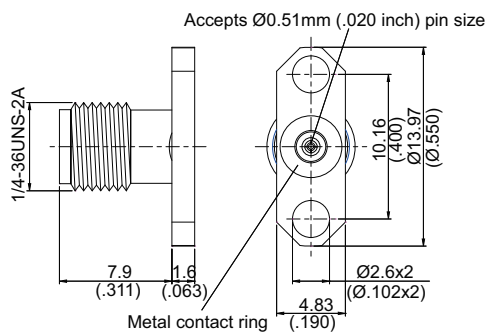


Figure 3

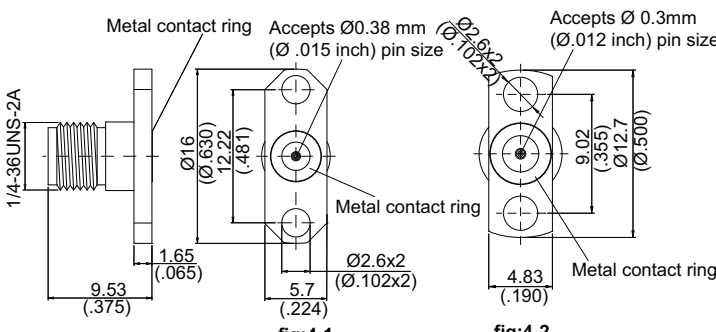


fig:4-1
Figure 4

fig:4-2

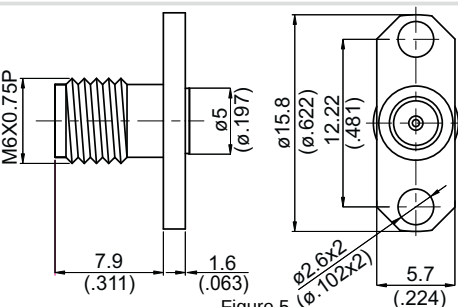


Figure 5

PART NUMBER	Fig.	Material	Accepts Pin Size	EMI Gasket	Typical VSWR								Remarks
2-HOLE FLANGE FIELD REPLACEABLE PLUG(SPECIAL THREAD)													
SMA3F26M6-0012	1	B6	0.30 (.012)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA3F26M6-0015	1	B6	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA3F26M6-0018	1	B6	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA3F26M6-0020	1	B6	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA3F26M6-0036	1	B6	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
2-HOLE FLANGE FIELD REPLACEABLE JACK													
SMA8F26A-0012	2-1	B3	0.30 (.012)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26A-0015	2-1	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26A-0018	2-1	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26A-0020	2-1	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26A-0036	2-1	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26B-0012	2-2	B3	0.30 (.012)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26B-0015	2-2	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26B-0018	2-2	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26B-0020	2-2	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26B-0036	2-2	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26E-0011	2-3	B3	0.28 (.011)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26E-0015	2-3	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26E-0018	2-3	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26E-0020	2-3	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26E-0036	2-3	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz								
SMA8F26C-0020	3	B3	0.51 (.020)	No	≤ 1.2 Up to 27 GHz								
SMA8F26A-EM15	4-1	B3	0.38(.015)	No	1 Ghz	2~3 Ghz	4Ghz	5 Ghz	6 Ghz	7~15Ghz	16~20Ghz	21~27Ghz	
					1.06	1.08	1.09	1.12	1.18	1.24	1.25	1.26	
SMA8F26B-EM12	4-2	B1	0.3(.012)	No	1~3Ghz	4Ghz	5Ghz	6Ghz	7Ghz	8~18Ghz	19Ghz	20~27Ghz	
					1.03	1.06	1.10	1.13	1.16	1.17	1.19	1.25	
SMA8F26M6-0012	5	B3	0.30 (.012)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA8F26M6-0015	5	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA8F26M6-0018	5	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA8F26M6-0020	5	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread
SMA8F26M6-0036	5	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz								M6X0.75P Thread

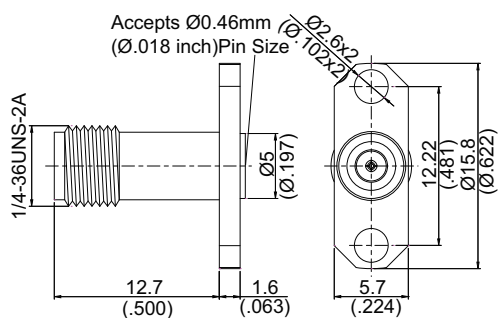


Figure 1

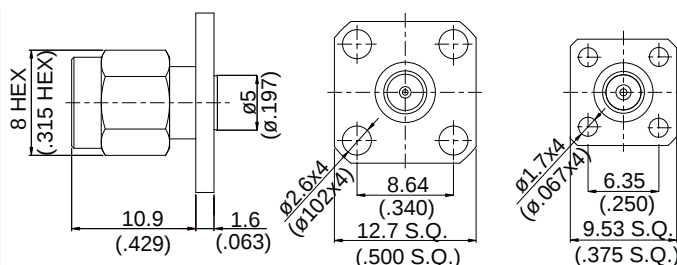


Figure 2

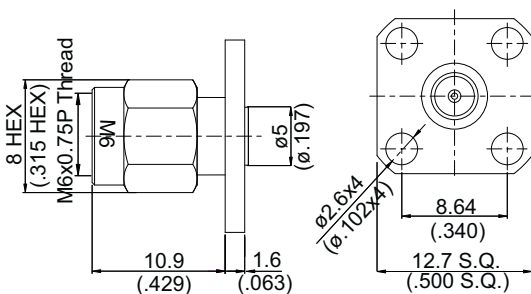


Figure 3

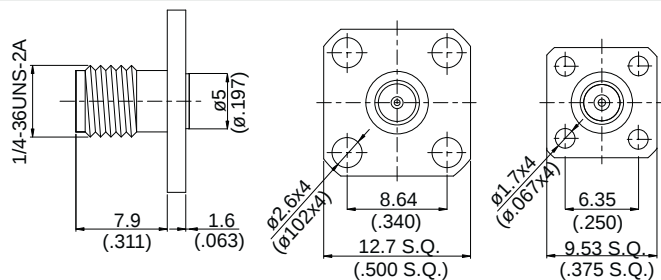


Figure 4

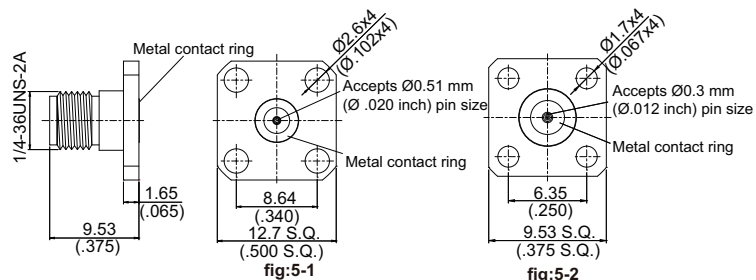


Figure 5

PART NUMBER	Fig.	Material	Accepts Pin Size	EMI Gasket	Typical VSWR	Remarks
2-HOLE FLANGE FIELD REPLACEABLE JACK						
SMA8F26AL-0018	1	B1	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	
4-HOLE FLANGE FIELD REPLACEABLE PLUG						
SMA3F46C-0012	2-1	B6	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46C-0015	2-1	B6	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46C-0018	2-1	B6	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46C-0020	2-1	B6	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46C-0036	2-1	B6	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46D-0012	2-2	B6	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46D-0015	2-2	B6	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46D-0018	2-2	B6	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46D-0020	2-2	B6	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46D-0036	2-2	B6	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	
SMA3F46M6-0012	3	B6	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA3F46M6-0015	3	B6	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA3F46M6-0018	3	B6	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA3F46M6-0020	3	B6	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA3F46M6-0036	3	B6	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
4-HOLE FLANGE FIELD REPLACEABLE JACK						
SMA8F46C-0012	4-1	B3	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46C-0015	4-1	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46C-0018	4-1	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46C-0020	4-1	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46C-0036	4-1	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46D-0012	4-2	B3	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46D-0015	4-2	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46D-0018	4-2	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46D-0020	4-2	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46D-0036	4-2	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	
SMA8F46C-EM20	5-1	B3	0.51(.020)	No	1~2 Ghz 3Ghz 4 Ghz 5 Ghz 6Ghz 7Ghz 8Ghz 9Ghz 10~17Ghz 18~26Ghz 27Ghz 1.07 1.09 1.12 1.14 1.16 1.18 1.2 1.21 1.22 1.25 1.26	
SMA8F46D-EM12	5-2	B3	0.3(.012)	No	1~5Ghz 6Ghz 7~18Ghz 19Ghz 20~25Ghz 26Ghz 27Ghz 1.05 1.13 1.2 1.23 1.26 1.28 1.30	

Material & Plating: See Page 374

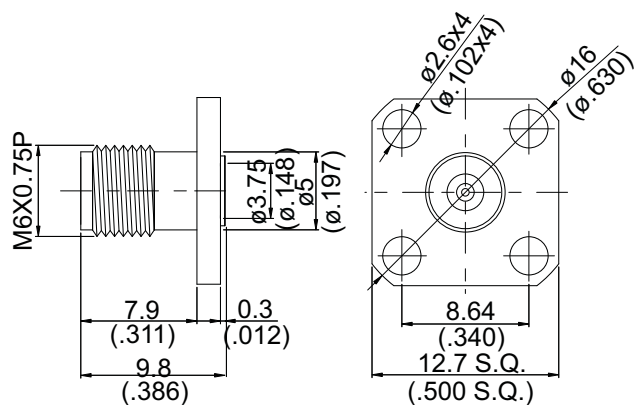


Figure 1

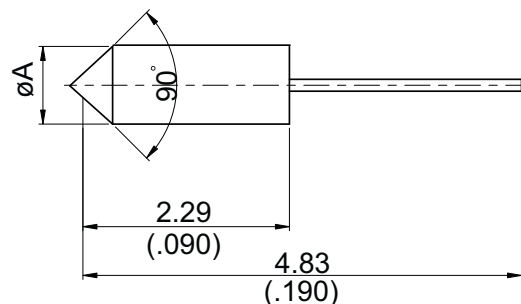


Figure 2

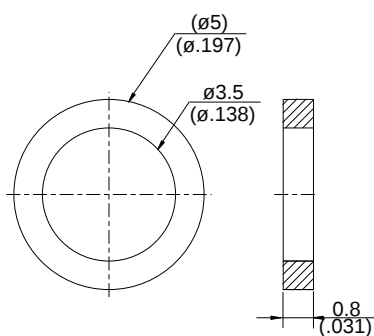


Figure 3

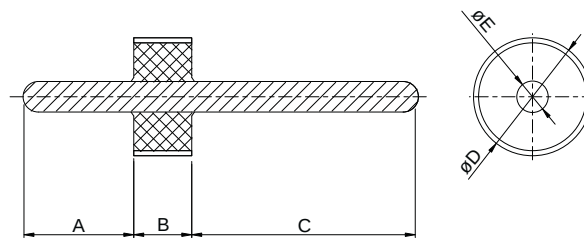


Figure 4

PART NUMBER	Fig.	Material	Accepts Pin Size	EMI Gasket	Typical VSWR	Remarks
4-HOLE FLANGE FIELD REPLACEABLE PLUG (SPECIAL THREAD)						
SMA8F46M6-0012	1	B3	0.3 (.012)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA8F46M6-0015	1	B3	0.38 (.015)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA8F46M6-0018	1	B3	0.46 (.018)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA8F46M6-0020	1	B3	0.51 (.020)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread
SMA8F46M6-0036	1	B3	0.91 (.036)	Yes	≤ 1.2 Up to 27 GHz	M6X0.75P Thread

PART NUMBER	Fig.	Material	Diameter A
FIELD REPLACEABLE CONTACTS FOR USE WITH CONNECTOR WITHOUT SEALS			
FRPIN.02	2	Gold Plated Beryllium Copper	0.51 (.020)
FRPIN.036	2	Gold Plated Beryllium Copper	0.91 (.036)

PART NUMBER	Fig.	Material
EMI GASKET		
EMI01	3	Conductive Silicon Elastomers

PART NUMBER	Fig.	Outer Ring	Insulator	Pin	A	B	C	D	E
SOLDER IN HERMETIC SEAL									
Seal.012	4	Gold Plated Kovar	Glass	Gold Plated Kovar	1.78(.070)	1.59(.0625)	4.57(.180)	2.5(.0985)	0.3(.012)
Seal.015	4	Gold Plated Kovar	Glass	Gold Plated Kovar	1.83(.072)	1.59(.0625)	4.57(.180)	2.5(.0985)	0.38(.015)
Seal.018	4	Gold Plated Kovar	Glass	Gold Plated Kovar	1.83(.072)	1.52(.0600)	4.57(.180)	2.79(.1100)	0.46(.018)
Seal.02	4	Gold Plated Kovar	Glass	Gold Plated Kovar	1.78(.070)	1.52(.0600)	5.16(.203)	4.01(.1580)	0.51(.020)

SSMA SERIES

Precision Subminiature Connectors

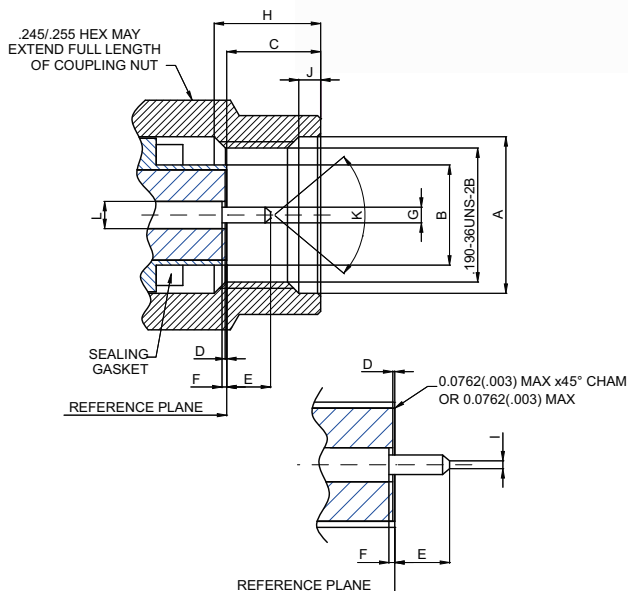
SSMA

FEATURES

SSMA series was designed as a smaller version of SMA to meet reduced packaging requirements.

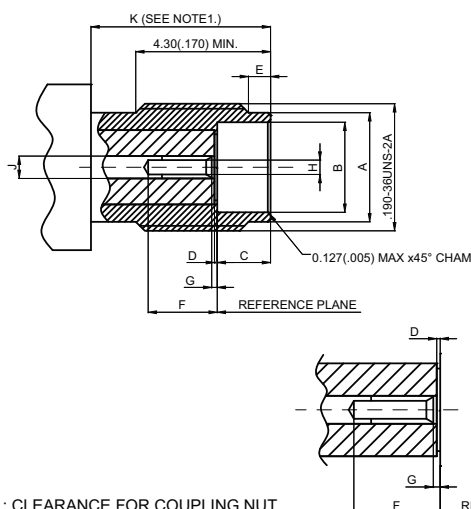
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A dia	4.98(.196)	5.13(.202)
B dia	3.15(.124)	3.22(.1268)
C	2.54(.100)	3.38(.133)
D	0.00(.000)	0.25(.010)
E	1.27(.050)	1.65(.065)
F	0.00(.000)	0.25(.010)
G dia	0.495(.0195)	0.529(.0208)
H	3.30(.130)	-
I FLAT	-	0.254(.010)
J	0.38(.015)	1.14(.045)
K	70°(70°)	95°(95°)
L	0.851(.0335)	0.884(.0346)

JACK:



NOTE1.: CLEARANCE FOR COUPLING NUT.

Letter	Millimeters(Inch)	
	Minimum	Maximum
A dia	3.89(.153)	4.06(.160)
B dia	3.23(.127)	3.30(.130)
C	1.90(.075)	1.96(.077)
D	0.00(.000)	0.25(.010)
E	0.51(.020)	1.02(.040)
F	1.90(.075)	-
G	0.00(.000)	0.25(.010)
H dia	0.4953(.0195)	0.5334(.0210)
J dia	0.851(.0335)	0.884(.0346)
K	5.84(.230)	-

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	750
Working Voltage (at sea level, in V rms, 50Hz)	250
Impedance	50
Frequency Range	DC up to 18GHz
RF-leakage	≥-90dB between 2 and 3 GHz
Insulation Resistance	≥10000MΩ
Contact Resistance Inner Conductor	≤4mΩ
Contact Resistance Outer Conductor	≤2.5mΩ

Mechanical Data	
Recommended Coupling Nut Torque	5.3 to 7.1in.-lbs
Engagement And Disengagement Force	torque is 2in.-lbs max
Coupling Proof Torque	7.5 in.-lbs
Coupling Nut Retention Force	22.5 lbs
Contact Captivation	axial force: 5lbs; torque 2.5-in.-oz if applicable
Durability (matings)	500

Environmental Data	
Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition A
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

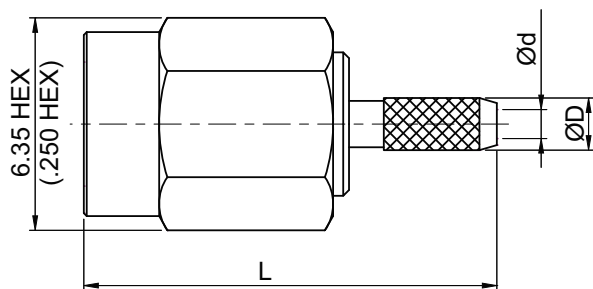


Figure 1

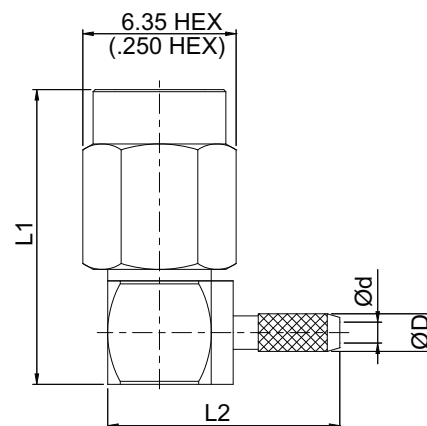


Figure 2

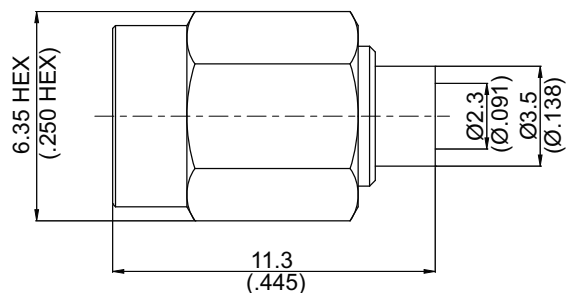


Figure 3

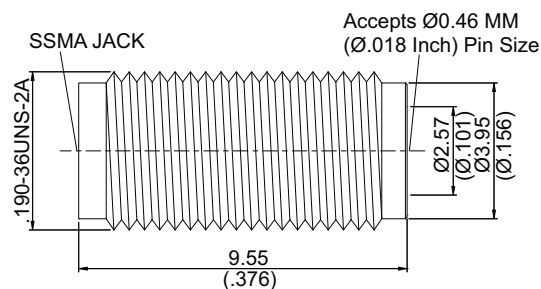


Figure 4

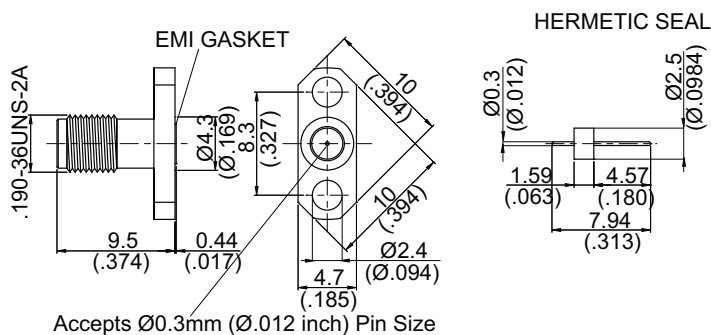


Figure 5

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Piug In		
SSMA PLUG CRIMP									
SSMA3100-0178	1	L=14.25(.561) ;d=1(.039); D=1.8(.071)	178	A4	v*	v*		A10/A4	
SSMA3100-0316	1	L1=13.5(.531) ;d=1.6(.063); D=2.35(.093)	316	A4	v			A17	
SSMA PLUG CRIMP RIGHT ANGLE									
SSMA3100-9178	2	L1=14.1(.555) ; L2=11.1(.437); d=1(.039); D=1.8(.071)	178	A4	v			A10	
SSMA3100-9316	2	L1=14.2(.559) ; L2=10.85(.427) ; d=1.6(.063); D=2.35(.093)	316	A4	v			A17	
SSMA PLUG SOLDER									
SSMA3300-0085	3		.085	A4	v				
SSMA THREAD IN MOUNT FIELD REPLACEABLE JACK									
SSMA8F00-0018	4			B3					
SSMA FIELD REPLACEABLE JACK WITH 2 HOLE PANEL AND HERMETIC SEAL									
SSMA8F26E-0012	5			B1					Comes With Hermetic Seal

3.5 SERIES

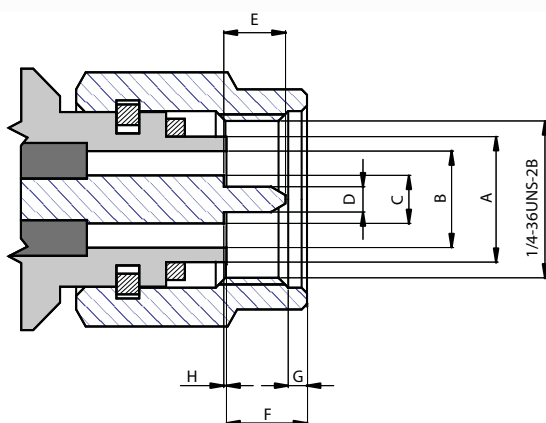
Precision Subminiature Connectors

FEATURES

3.5 connectors are designed for microwave applications up to 33Ghz. They are often used on semi-rigid cable assemblies and are intermateable with SMA and K connectors.

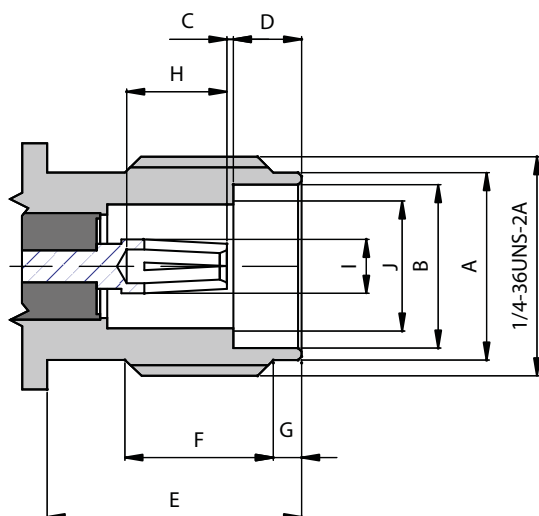
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	4.55(.179)	4.58(.180)
B	3.49(.138)	3.51(.138)
C	1.51(.060)	1.52(.060)
D	0.92(.036)	0.93(.037)
E	2.03(.080)	2.29(.090)
F	2.36(.093)	3.43(.135)
G	0.38(.015)	1.14(.045)
H	0.00(.000)	0.08(.003)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	5.30(.209)	5.40(.213)
B	4.60(.181)	4.63(.182)
C	0.00(.000)	0.08(.003)
D	1.88(.074)	1.98(.078)
E	5.54(.218)	—
F	3.35(.132)	4.62(.182)
G	0.38(.015)	1.14(.045)
H	2.79(.110)	3.18(.125)
I	1.51(.060)	1.52(.060)
J	3.49(.138)	3.51(.138)

TECHNICAL DATA

Electrical Data		
Cable type	RG405	RG402
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	750	1000
Working Voltage (at sea level, in V rms, 50Hz)	≤250	≤335
Impedance	50Ω	
Frequency Range	DC up to 33GHz	
RF-leakage	≥100dB-f(GHz)dB	
Insulation Resistance	≥5000MΩ	
Contact Resistance Inner Conductor	≤3mΩ	
Contact Resistance Outer Conductor	≤2mΩ	

Mechanical Data	
Recommended Coupling Nut Torque	7.1 in.lbs...9.7 in.lbs
Coupling Proof Torque	15.0 in.lbs
Coupling Nut Retention Force	60.7 lbs
Contact Captivation	6.1 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-65°C...+90°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR

≤ 1.20 up to 18GHz
 ≤ 1.25 up to 26.5GHz

3.5

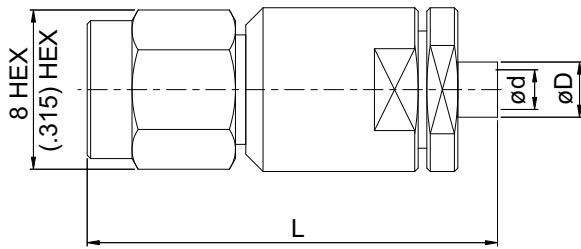


Figure 1

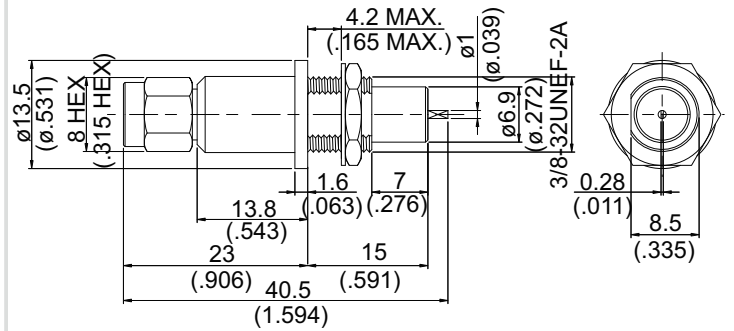


Figure 2

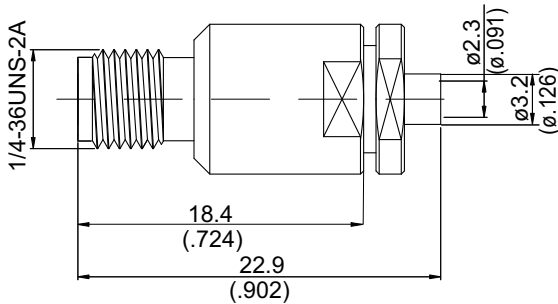


Figure 3

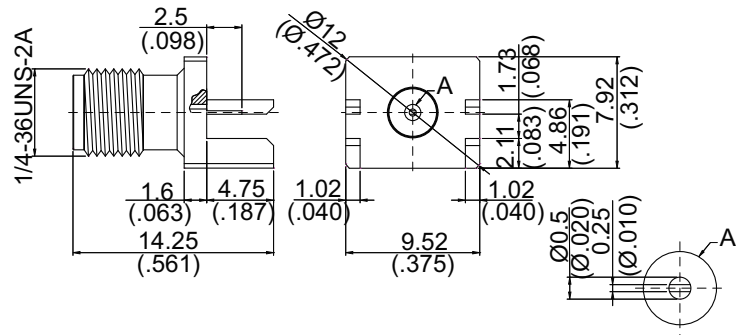


Figure 4

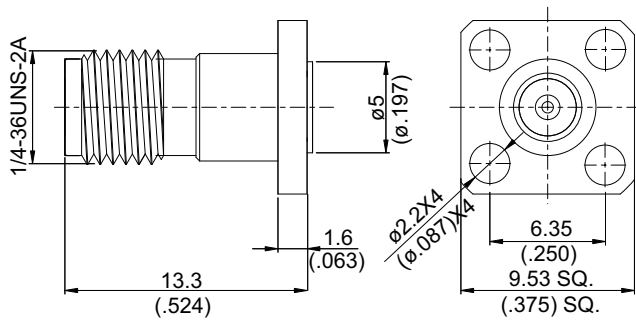
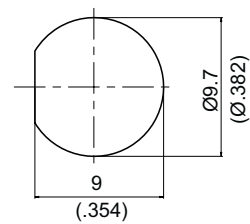


Figure 5



M.H 4

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Remarks
						Solder	Crimp	Plug In	
3.5 PLUG SOLDER CLAMP									
PC3.5-3300-0085	1	L=25.5(.1004) ød=2.3(.091) øD=4.0(.157)			.085 A6			v	
PC3.5-3200S-0141	1	L=23.3(.917) ød=3.7(.146) øD=4.8(.189)			.141 A6			v	
3.5 PLUG FOR BULKHEAD									
PC3.5-3500-0000	2		4		A6				
3.5 JACK SOLDER CLAMP									
PC3.5-8300-0085	3				.085 B3			v	
3.5 JACK P.C.B MOUNT END LAUNCH									
PC3.5-8434A-0000	4				B1				
3.5 FIELD REPLACEABLE JACK									
PC3.5-8F46F-0036	5				B3				Accepts pin size .036"

K SERIES

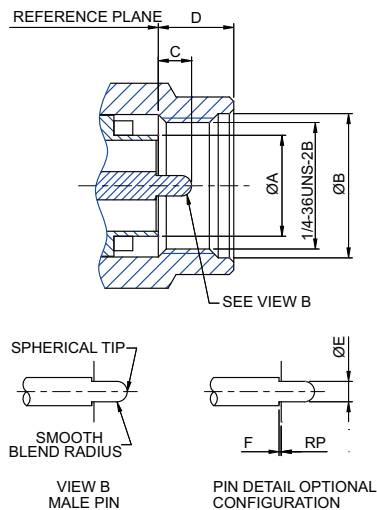
Precision Subminiature Coaxial Connectors

FEATURES

K connectors are precision connectors for microwave applications up to 40Ghz that are intermateable with SMA and 3.5 connectors. The main features are high mechanical strength, high durability and low VSWR.

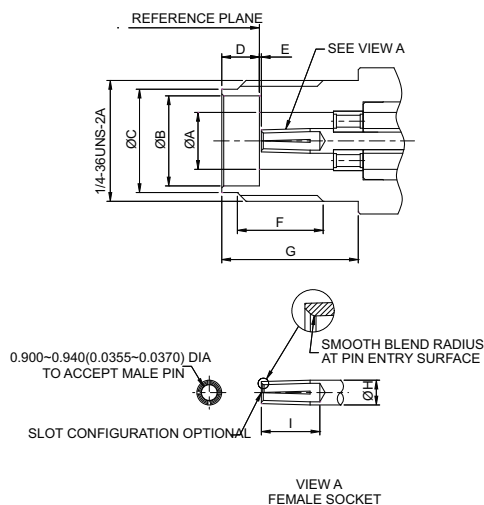
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	4.52(.178)	4.57(.180)
ØB	6.48(.255)	-
C	1.40(.055)	1.65(.065)
D	-	3.43(.135)
ØE	0.900(.0370)	0.940(.0355)
F	0.000	0.13(.005)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	2.90(.114)	2.95(.116)
ØB	4.60(.181)	4.65(.183)
ØC	5.23(.206)	5.44(.214)
D	1.88(.074)	1.98(.078)
E	0.00(.000)	0.13(.005)
F	4.32(.170)	-
G	5.54(.218)	-
ØH	1.27(.050)	
I	2.67(.105)	-



TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	750
Working Voltage (at sea level, in V rms, 50 Hz)	≤250
Impedance	50Ω
Frequency Range	DC up to 40 GHz
RF-leakage	≥100dB-f(GHz)dB
Insulation Resistance	5000MΩ
Contact Resistance Inner conductor	≤3mΩ
Contact Resistance Outer conductor	≤2mΩ

Mechanical Data	
Recommended Coupling Nut Torque	11.47 in.-lbs
Coupling Proof Torque	15in.-lbs
Contact Captivation	6.1 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-55°C...+125°C
Thermal Shock	MIL-STD-202, Method 107, Condition B



VSWR

1.4 at 40 Ghz

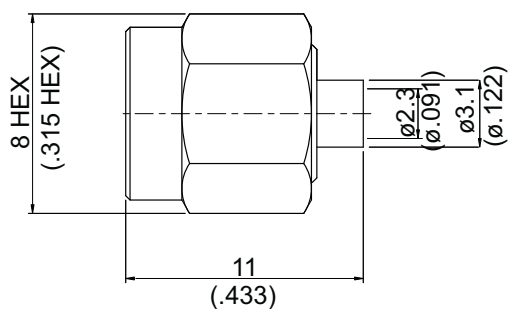


Figure 1

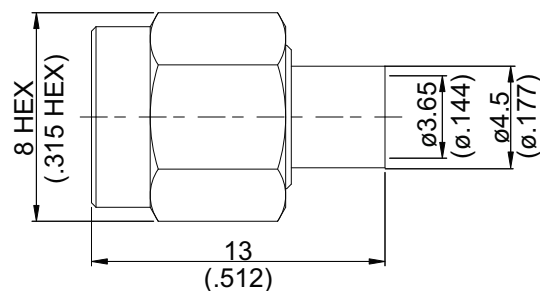


Figure 2

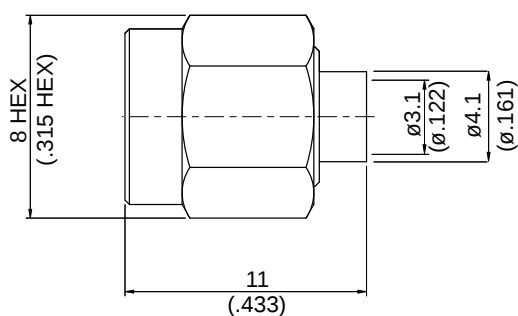


Figure 3

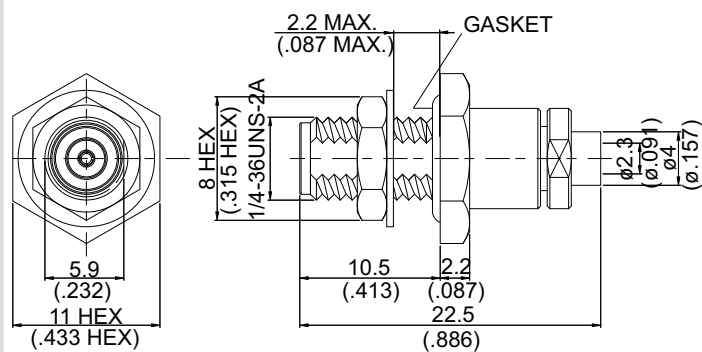


Figure 4

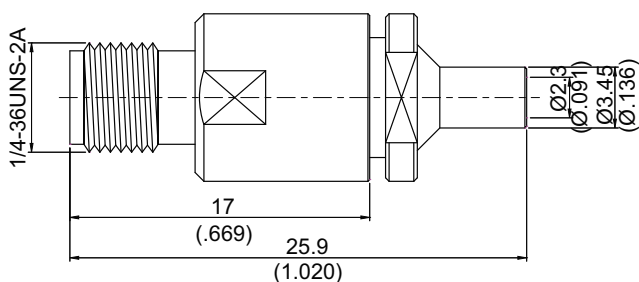


Figure 5

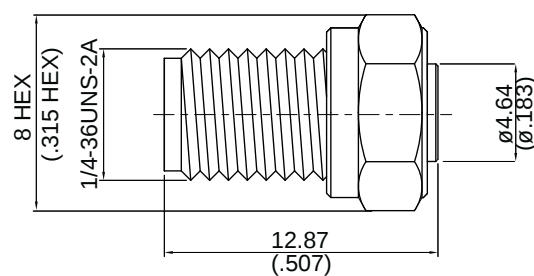


Figure 6

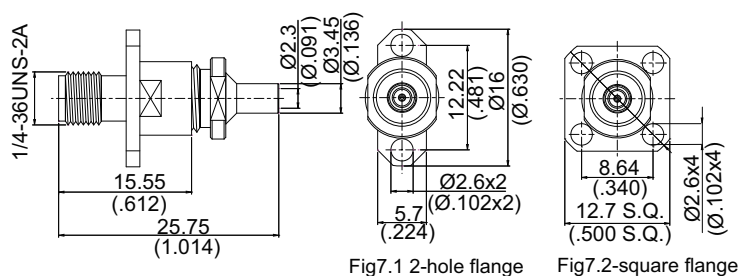
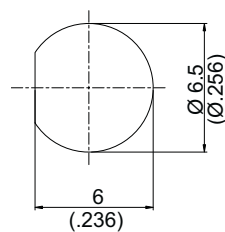
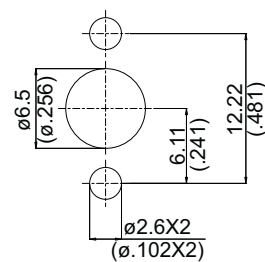


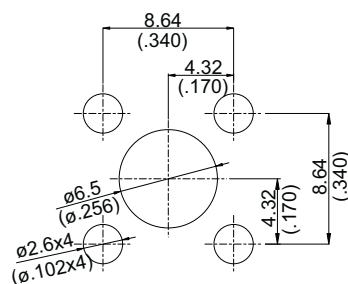
Figure 7



M.H 2



M.H 10



M.H 16

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry			Remarks
					Solder	Crimp	Plug In	
K PLUG SOLDER								
K3300-0085	1		.085	A8	v			
K3300-0141	2		.141	A8	v			
K3300-0118	3		.118	8				No Pin
K JACK SOLDER CLAMP FOR BULKHEAD								
K8305-0085	4	2	.085	B3			v	
K JACK SOLDER CLAMP								
K8300-0085	5		.085	B3			v	
K JACK SOLDER								
K8300-0118	6		.118	B3			v	
K JACK SOLDER CLAMP FOR PANEL RECEPTACLE								
K8326-0085	7-1	10	.085	B3			v	
K8346-0085	7-2	16	.085	B3			v	

Cable Group: See Page 1; Material & Plating: See Page 374

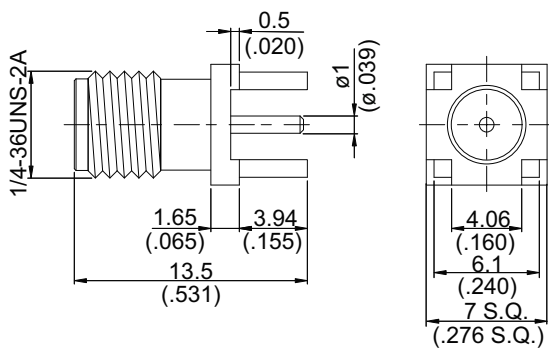


Figure 1

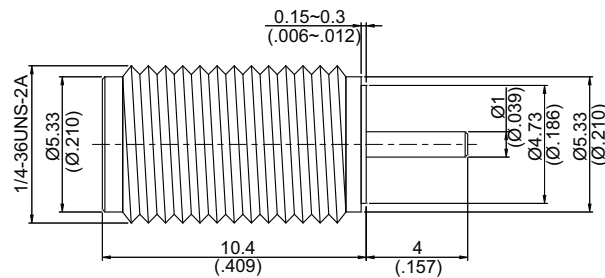


Figure 2

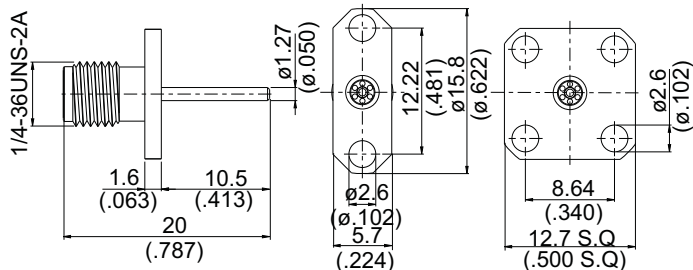


Fig.4-1: 2-hole flange

Fig.4-2:square flange

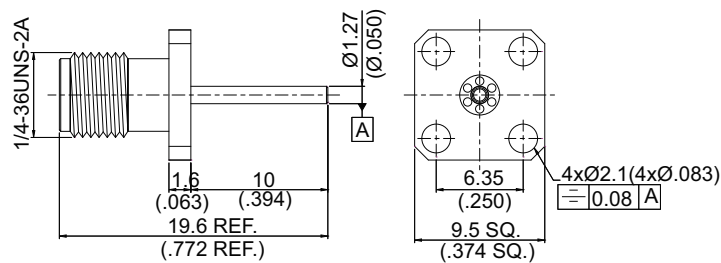


Figure 4

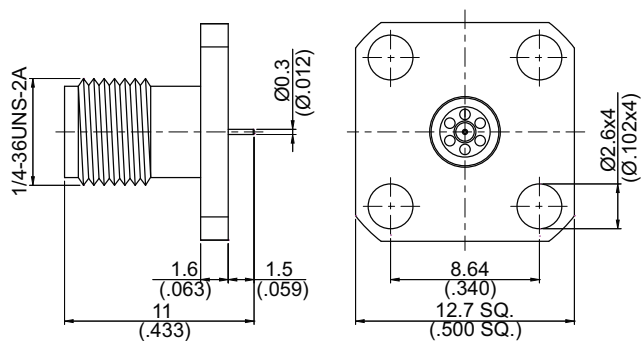


Figure 5

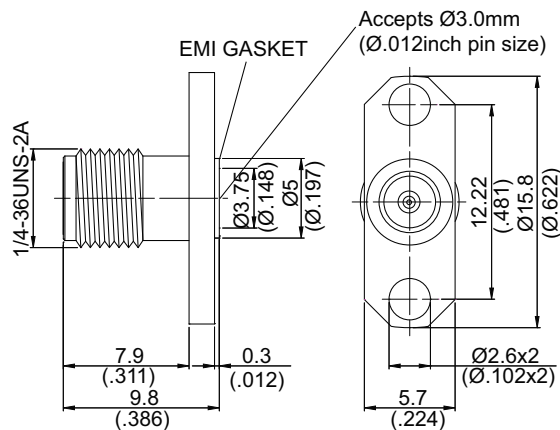
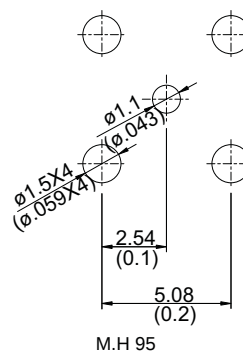


Figure 6

PART NUMBER	Fig.	M.H	Material	Remarks
K JACK P.C.B MOUNT				
K8400A-0000	1	95	B1	
K JACK FOR BULKHEAD				
K8500-0000	2		B3	
K JACK FOR PANEL RECEPTACLE				
K862PN-0000	3-1		B3	
K864PN-0000	3-2		B3	
K864CM-0000	4		B3	
K864N5-00AB	5		B3	
K JACK 2 HOLE FLANGE FIELD REPLACEABLE				
K8F26A-0012	6		B3	



M.H 95

2.4 SERIES

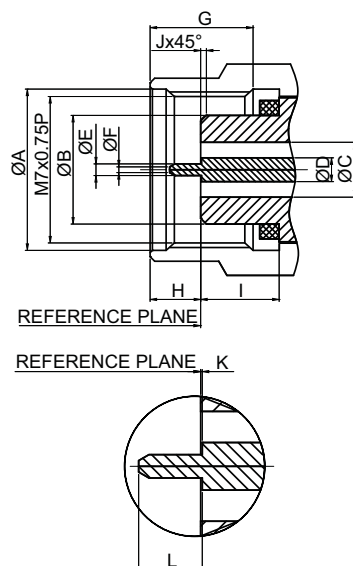
Precision Subminiature Coaxial Connectors

FEATURES

2.4mm connectors are used in high frequency test & measurement applications up to 50Ghz. The 2.4mm interface is mechanically compatible with 1.85mm connectors.

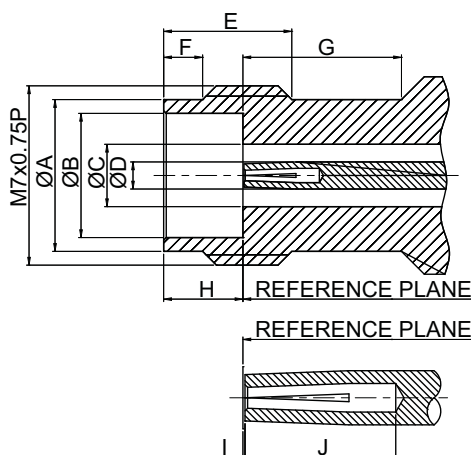
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	7.01(.276)	7.11(.280)
ØB	4.725(.186)	4.75(.187)
ØC	2.39(.094)	2.41(.095)
ØD	1.03(.0406)	1.05(.0413)
ØE	0.505(.0199)	0.52(.0205)
ØF	-	0.25(.0098)
G	4.34(.171)	4.66(.183)
H	2.05(.081)	2.37(.093)
I	3.38(.133)	3.48(.137)
Jx45°	0.25(.0098)	0.36(.014)
K	0.00(.000)	0.05(.002)
L	1.34(.0527)	1.44(.0567)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	5.79(.228)	5.89(.232)
ØB	4.77(.1878)	4.795(.1888)
ØC	2.39(.094)	2.41(.095)
ØD	1.03(.0406)	1.05(.0413)
E	4.80(.189)	5.06(.199)
F	1.37(.054)	1.63(.064)
G	5.97(.235)	6.23(.245)
H	3.00(.118)	3.10(.122)
I	0.00(.000)	0.05(.002)
J	2.65(.104)	3.15(.124)

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	1200
Impedance	50Ω
Frequency Range	DC up to 50 GHz
RF-leakage	-(100dB-f(GHz))dB
Contact Resistance Inner conductor	≤4mΩ
Contact Resistance Outer conductor	≤2.5mΩ

Mechanical Data	
Force to Engage and Disengage	≤2 in.lbs
Cable Retention Force	≤60 lbs
Durability (matings)	500
Coupling Torque recommended	7.08 to 9.74 in-lbs

Environmental Data	
Temperature Range	-40°C...+85°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106 , except step 7B
Corrosion	MIL-STD-202, Method 101, Condition B

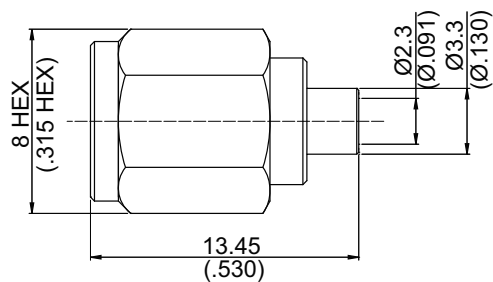


Figure 1

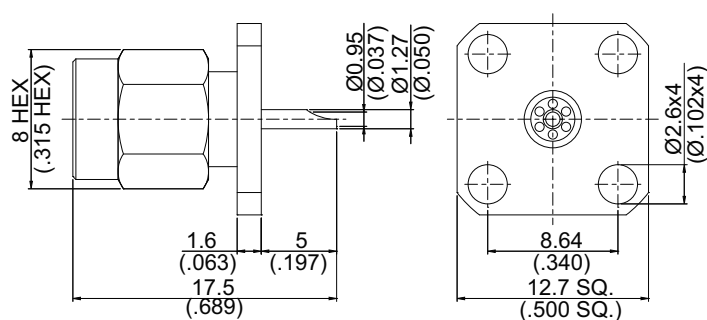


Figure 2

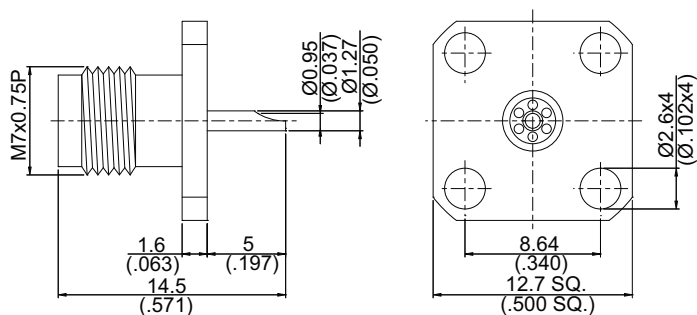


Figure 3

PART NUMBER	Fig.	Cable Group	Material	Remarks
2.4 PLUG SOLDER				
2.4-3300-0085	1	.085	B8	No Pin
2.4 PLUG FOR PANEL RECEPTACLE				
2.4-364A-0000	2		B6	
2.4 JACK FOR PANEL RECEPTACLE				
2.4-864A-0000	3		B3	

SMB SERIES

Subminiature Coaxial Connectors

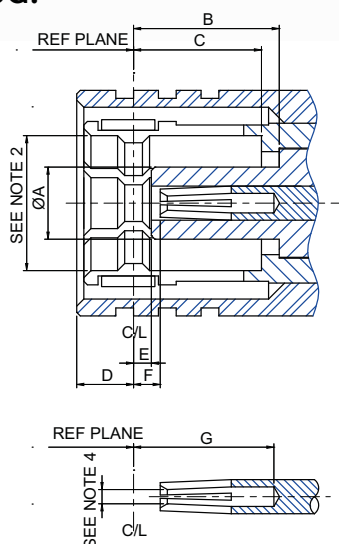
FEATURES

Subminiature coaxial connectors with 50Ω impedance for applications up to 4GHz. Suited for cables with dielectric diameters of up to 1.5mm. The connectors are pushed together and engaged with a retaining recess.

Rapid connection and disconnection even in limited space and high packing factor. Subminiature coaxial connectors satisfy the need of the modern electronics industry for miniaturization of components and can be used in virtually all fields of electronics.

50Ω INTERFACE MATING DIMENSIONS

PLUG:

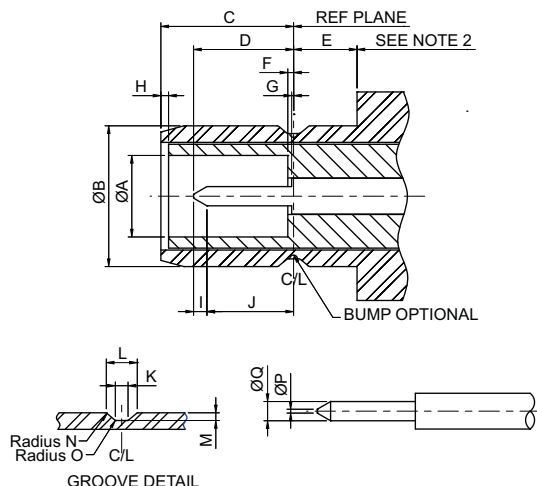


Letter	Millimeters (inch)	
	Minimum	Maximum
ØA	-	2.06(.081)
B	3.58(.141)	-
C	3.58(.141)	-
D	-	1.63(.064)
E	0.18(.007)-	-
F	0.18(.007)	0.94(.037)
G	2.97(.117)	-

NOTES

1. Method of slotting of inner contact optional.
2. Must meet the longitudinal force requirements of force to engage and disengage when mated with its mating gauge.
3. This interface shall meet the gauge requirements as specified in MIL-C-39012/67.
4. ID to meet VSWR mating characteristics & contact durability when mated with a Ø0.48-Ø0.53(Ø.019-Ø.021) pin.

JACK:



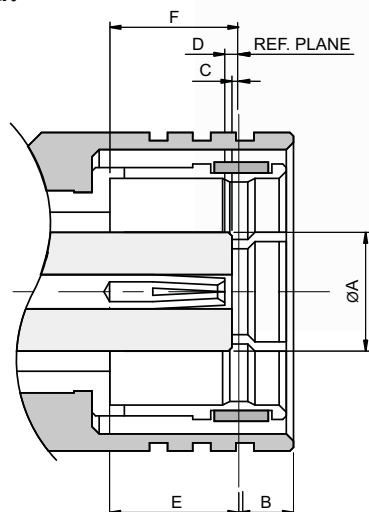
Letter	Millimeters (inch)	
	Minimum	Maximum
ØA	2.08(.082)	-
ØB	-	3.71(.146)
C	3.33(.131)	3.58(.141)
D	2.39(.094)	2.97(.117)
E	1.65(.065)	-
F	-	0.18(.007)
G	-	0.18(.007)
H	0.00(.000)	-
I	0.25(.010)	-
J	1.32(.052)	-
K	0.28(.011)	0.38(.015)
L	0.69(.027)	0.94(.037)
M	0.15(.006)	0.25(.010)
Radius N	0.05(.002)	0.15(.006)
Radius O	-	0.13(.005)
ØP	-	0.25(.010)
ØQ	0.48(.019)	0.53(.021)

NOTES

1. This interface shall meet the gauge requirements as specified in MIL-PRF-39012/68.
2. Clearance for mating connector coupling nut.

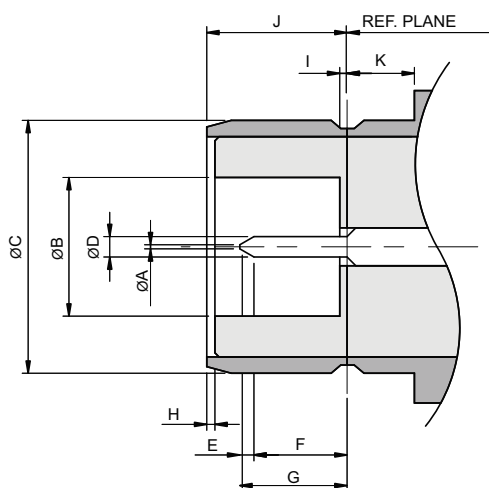
75Ω STANDARD SMB INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	---	3.302 (.130)
B	---	1.625 (.064)
C	---	0.177 (.007)
D	0.178 (.007)	0.939 (.037)
E	2.972 (.117)	---
F	3.582 (.141)	---

JACK:



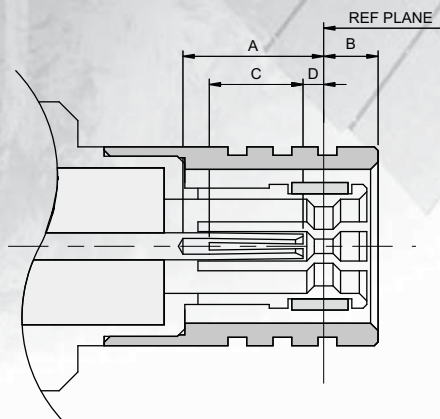
Letter	Millimeters (inch)	
	Minimum	Maximum
A	---	0.254 (.010)
B	3.328 (.131)	---
C	---	6.197 (.244)
D	0.483 (.019)	0.533 (.021)
E	0.254 (.010)	---
F	1.321 (.052)	---
G	---	2.971 (.117)
H	0 (.000)	---
I	---	0.177 (.007)
J	3.328 (.131)	3.581 (.141)
K	1.65 (.065)	---

NOTES

1. THIS SERIES IS ALSO CALLED SMZ.

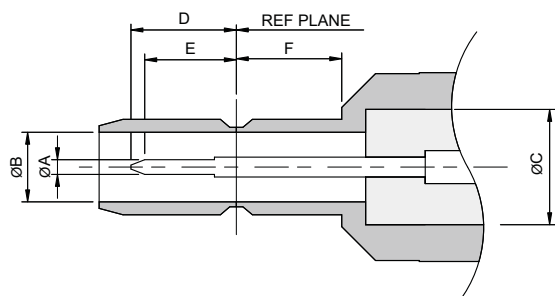
75Ω MINI SMB INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	2.971 (.117)	---
B	---	2.260 (.089)
C	---	1.143 (.045)
D	0.178 (.007)	0.685 (.027)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	0.356 (.014)	0.381 (.015)
B	2.083 (.082)	2.337 (.092)
C	---	3.708 (.146)
D	---	2.971 (.117)
E	2.184 (.086)	---
F	2.286 (.090)	---

TECHNICAL DATA

Electrical Data	50Ω SMB		75Ω STANDARD SMB & MINI SMB	
Cable Dielectric Diameter	0.86(.034)	1.5(.059)	0.86(.034)	1.5(.059)
Dielectric Withstanding Voltage(At Sea Level, In V Rms,50hz)	750	1000	750	1000
Working Voltage (At Sea Level, In V Rms,50hz)	≤250	≤335	≤250	≤335
Impedance	50Ω		75Ω	
Frequency Range	DC up to 4GHz			
Insulation Resistance	≥10000MΩ			
Contact Resistance Linner Conductor	≤6mΩ			
Contact Resistance Outer Conductor	≤1mΩ			

Mechanical Data (For 50Ω SMB;75Ω Standard SMB & 75Ω MINI SMB)	
Disengagement Force	Between 1.8 and 14.2 lbs
Contact Captivation	≥4 lbs
Durability(matings)	≥500
Engagement Force	Between 1.8 and 14.2 lbs

Environmental Data (For 50Ω SMB;75Ω Standard SMB & 75Ω MINI SMB)	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202,Method 107,Condition B
Moisture Resistance	MIL-STD-202,Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR (50Ω SMB)

	Frequency Range			Cable Type
	1GHz	3GHz	4GHz	
Typical VSWR for SMB Straight Connectors	1.15	1.35	1.35	RG316
	1.15	1.35	1.35	RG55, RG142, RG223, RG400
	1.15	1.35	1.35	RG58
	1.15	1.35	1.35	RG174, RG188, RG316
	1.15	1.35	1.35	RG178, RG196
	1.15	1.35	1.35	Semi-rigid .085
	1.15	1.35	1.35	Semi-rigid .141
Typical VSWR for SMB Right Angle Connectors	1.15	1.3	1.3	RG316
	1.15	1.3	1.3	RG55, RG142, RG223, RG400
	1.15	1.3	1.3	RG58
	1.15	1.3	1.3	RG174, RG188, RG316
	1.15	1.3	1.3	RG178, RG196
	1.15	1.3	1.3	Semi-rigid .085
	1.15	1.3	1.3	Semi-rigid .141

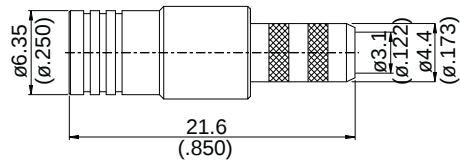


Figure 1

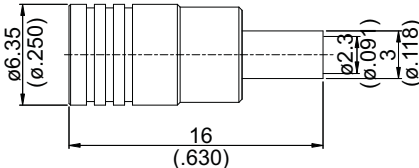


Figure 2

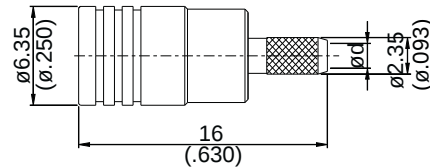


Figure 3

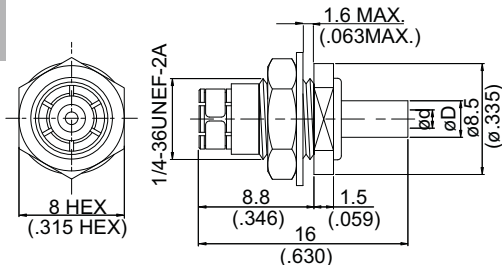


Figure 4

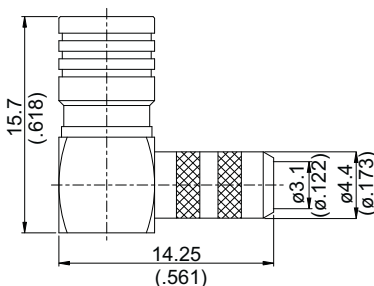


Figure 5

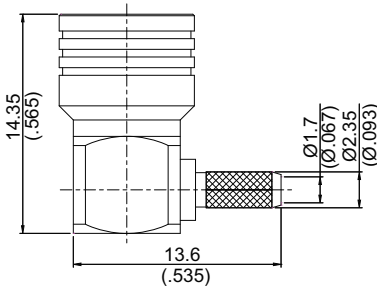


Figure 6

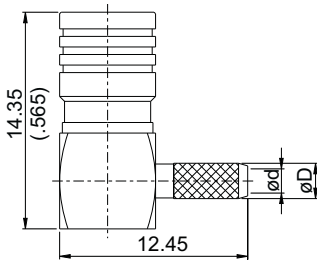


Figure 7

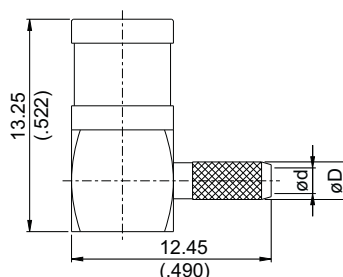


Figure 8

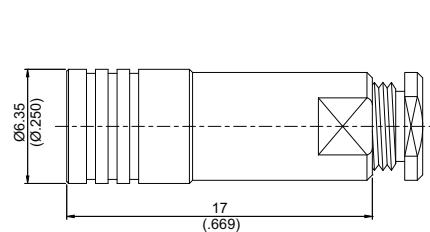
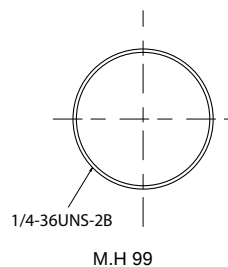


Figure 9

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMB PLUG CRIMP									
SMB3100-0058	1			58	C1	v*	v*	B7/B1	
SMB3100W-0058	1			58	C2	v*	v*	B7/B1	
SMB3100-0142	1			142	C1	v		B7	
SMB3100W-0142	1			142	C2	v		B7	
SMB3100W-0223	1			223	C2	v*	v*	B8/B2	
SMB3100-0223	1			223	C1	v*	v*	B8/B2	
SMB3100-0178	2			178	C1		v	A3	
SMB3100-0179	3	ød=1.65(.065)		179	C1	v*	v*	A17/A5	75Ω Mini SMB Interface
SMB3100D-0179	3	ød=1.65(.065)		179D	C1	v*	v*	A17/A5	75Ω Mini SMB Interface
SMB3100-0316	3	ød=1.6 (.063)		316	B1		v	A5	
SMB3100D-0316	3	ød=1.6 (.063)		316D	B1		v	A5	
SMB3100-L100	3	ød=1.7(.067)		100	B1		v	A5	
SMB PLUG SOLDER FOR BULKHEAD									
SMB3105-0178	4	ød=1.4(.055) øD=2.80(.110)	99	178	C1		v	A12	
SMB PLUG CRIMP FOR BULKHEAD									
SMB3105-0316	4	ød=1.55(.061) øD=2.35 (.093)	99	316	C1		v	A5	
SMB3105-L100	4	ød=1.7(.067) øD=2.35 (.093)	99	100	C1		v	A5	
SMB PLUG CRIMP RIGHT ANGLE									
SMB3100-9058	5			58	C1	v		B7	
SMB3100W-9058	5			58	C2	v		B7	
SMB3100-9142	5			142	C1	v		B7	
SMB3100W-9142	5			142	C2	v		B7	
SMB3100-9223	5			223	C1	v		B8	
SMB3100W-9223	5			223	C2	v		B8	
SMB31ST-9179	6			179	B2	v		A17	75Ω Standard SMB Interface
SMB3100-9178	7	ød=1.0 (.039) øD=1.80 (.071)		178	B1	v		A10	
SMB3100-9179	7	ød=1.65 (.065) øD=2.35 (.093)		179	B1	v		A17	75Ω Mini SMB Interface
SMB3100-9316	7	ød=1.6 (.063) øD=2.35 (.093)		316	B1	v		A17	
SMB3100W-9316	7	ød=1.6 (.063) øD=2.35 (.093)		316	B2	v		A17	
SMB3100D-9316	7	ød=1.6 (.063) øD=2.35 (.093)		316D	B1	v		A17	
SMB3100D-9316/W	7	ød=1.6 (.063) øD=2.35 (.093)		316D	B2	v		A17	
SMB3100-9L100	7	ød=1.7(.067) øD=2.35 (.093)		100	B1	v		A17	
SMB3100A-9178	8	ød=1.0 (.039) øD=1.80 (.071)		178	B1	v		A10	
SMB3100A-9316	8	ød=1.6 (.063) øD=2.35 (.093)		316	B1	v		A17	
SMB3100AD-9316	8	ød=1.6 (.063) øD=2.35 (.093)		316D	B1	v		A17	
SMB3100A-9L100	8	ød=1.7(.067) øD=2.35 (.093)		100	B1	v		A17	
SMB PLUG CLAMP									
SMB3200-0316	9			316	B1	v*	v*	A12	
SMB3200D-0316	9			316D	B1	v*	v*	A12	



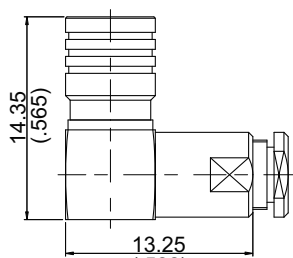


Figure 1

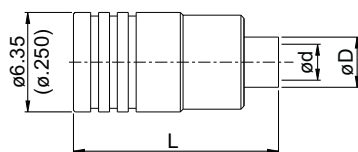


Figure 2

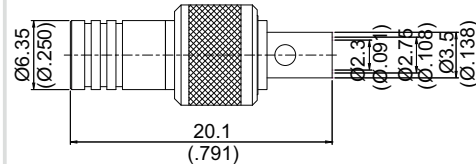


Figure 3

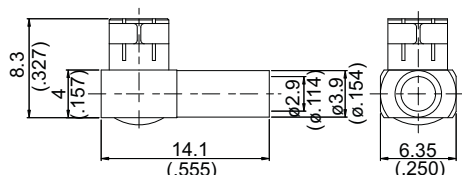


Figure 4

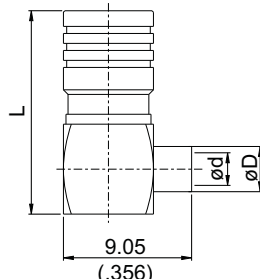


Figure 5

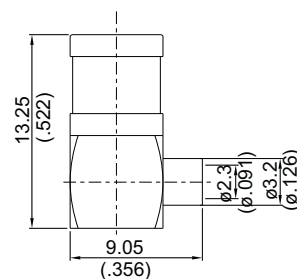


Figure 6

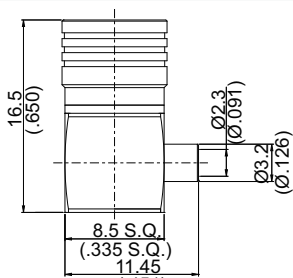


Figure 7

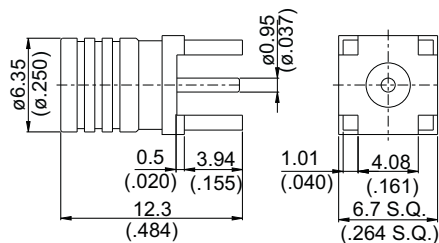


Figure 8

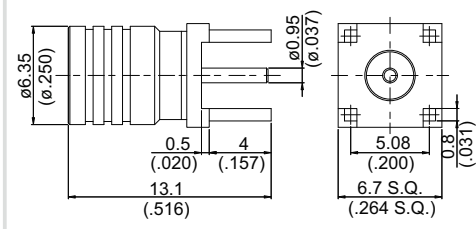


Figure 9

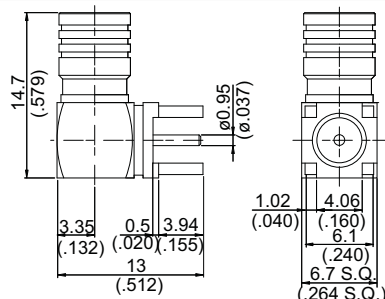


Figure 10

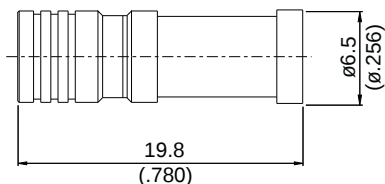
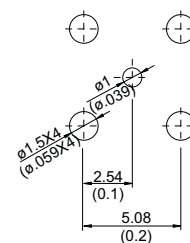


Figure 11



MH47

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMB PLUG CLAMP RIGHT ANGLE									
SMB3200-9316	1			316	B1	v			
SMB3200D-9316	1			316D	B1	v			
SMB PLUG SOLDER									
SMB3300-0085	2	L=13.1(.516) ød=2.3(.091) øD=3.2(.126)		.085	C1		v	A12	
SMB3300-0141	2	L=15.8(.622) ød=3.65(.144) øD=4.8(.189)		.141	C1	v			
SMB3375-0085J	3			.085J	B1	v			75Ω mini SMB Interface
SMB PLUG SOLDER RIGHT ANGLE									
SMB3100G-9316	4			316	B17	v			
SMB3300-9085	5	L=14.35(.565) ød=2.3(.091) øD=3.2(.126)		.085	B1	v			
SMB3300-9141	5	L=15.7(.618) ød=3.65(.144) øD=4.8(.189)		.141	C1	v			
SMB3300A-9085	6			.085	B1	v			
SMB3375-9085	7			.085	B1	v			75Ω Standard SMB Interface
SMB PLUG P.C.B MOUNT									
SMB3400-0000	8		47		B1				
SMB3400B-0000	9		47		B1				
SMB PLUG P.C.B MOUNT RIGHT ANGLE									
SMB3400-9000	10		47		B1				
SMB3400-9075	10		47		B1				75Ω mini SMB Interface
SMB6400-9000	10		47		A1				Reverse Polarity Plug
SMB PLUG TERMINATOR									
SMB3900-0006	11				C1				2W Average: VSWR≤1.2 up to 4GHz

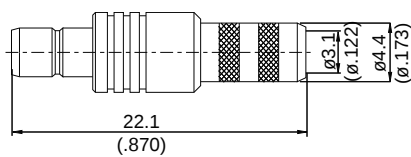


Figure 1

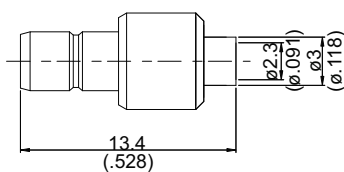


Figure 2

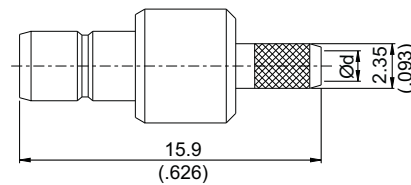


Figure 3

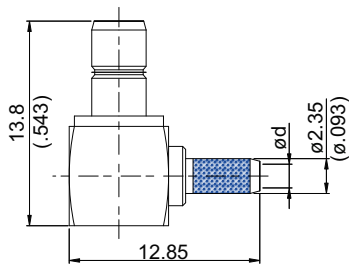


Figure 4

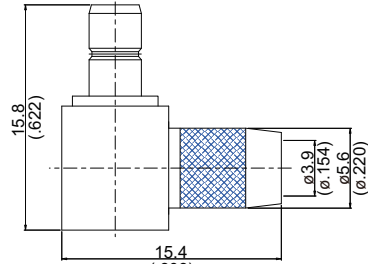


Figure 5

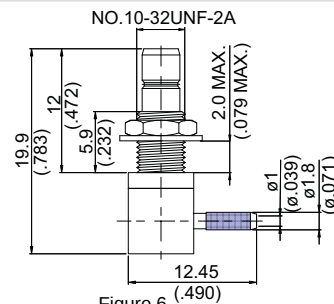


Figure 6

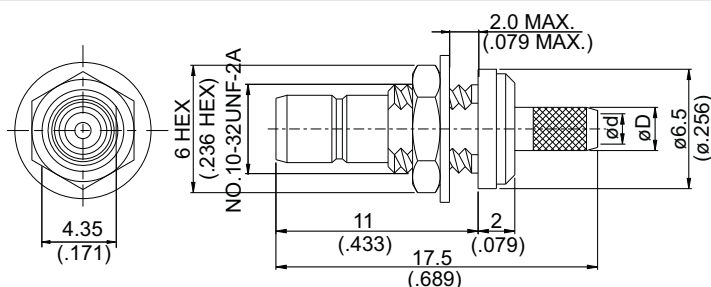


Figure 7

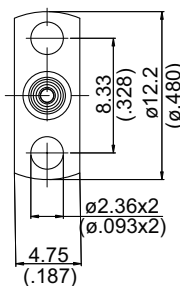
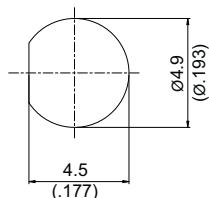
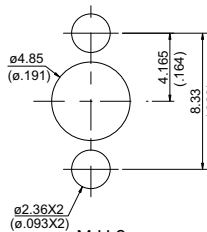


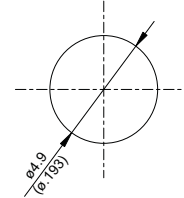
Figure 8



M.H 1



M.H 9



M.H 94

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry Solder	Pin Entry Crimp	Crimp Insert	Remarks
SMB JACK CRIMP									
SMB8100-0058	1			58	A1	v*	v*	B7/B1	
SMB8100-0142	1			142	A1	v		B7	
SMB8100-0223	1			223	A1	v*	v*	B8/B2	
SMB8100-0178	2			178	A1	v*	v*	A9/A3	
SMB8100-0179	3	ød=1.65 (.065)		179	A1	v*	v*	A17/A5	75Ω Mini SMB Interface
SMB8100-0316	3	ød=1.6 (.063)		316	A1	v*	v*	A17/A5	
SMB8100D-0316	3	ød=1.6 (.063)		316D	A1	v*	v*	A17/A5	
SMB8100D-0316/W	3	ød=1.6 (.063)		316D	A2	v*	v*	A17/A5	Tin-Zinc-Copper Plating
SMB8100-L100	3	ød=1.7 (.067)		100	A1	v*	v*	A17/A5	
SMB JACK CRIMP RIGHT ANGLE									
SMB8100-9179	4	ød=1.65 (.065)		179	A1	v		A17	75Ω Mini SMB Interface
SMB8100-9316	4	ød=1.6 (.063)		316	A1	v		A17	
SMB8100D-9316	4	ød=1.6 (.063)		316D	A1	v		A17	
SMB8100-9L100	4	ød=1.7 (.067)		100	A1	v		A17	
SMB8100-9L240	5			240	A1	v		E4	
SMB JACK CRIMP FOR BULKHEAD									
SMB8105-0178	7	ød=2.3 (.091) øD=3 (.118)	1	178	A1	v*	v*	A9/A3	
SMB8105-0179	7	ød=1.65 (.065) øD=2.35 (.093)	1	179	A1	v		A17	75Ω Mini SMB Interface
SMB8105-0316	7	ød=1.6 (.063) øD=2.35 (.093)	1	316	A1	v*	v*	A17/A5	
SMB8105D-0316	7	ød=1.6 (.063) øD=2.35 (.093)	1	316D	A1	v*	v*	A17/A5	
SMB8105S-0316	7	ød=1.6 (.063) øD=2.35 (.093)	1	316	A3	v*	v*	A17/A5	Stainless
SMB8105-L100	7	ød=1.7 (.067) øD=2.35 (.093)	1	100	A1	v*	v*	A17/A5	
SMB JACK CRIMP FOR BULKHEAD RIGHT ANGLE									
SMB8105-9178	6		94	178	A1	v		A10	
SMB JACK CRIMP FOR PANEL RECEPTACLE									
SMB8126-0316	8		9	316	A1	v*	v*	A17/A5	

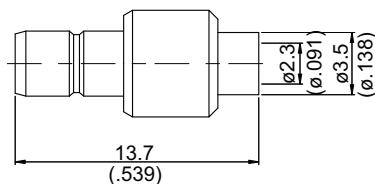


Figure 1

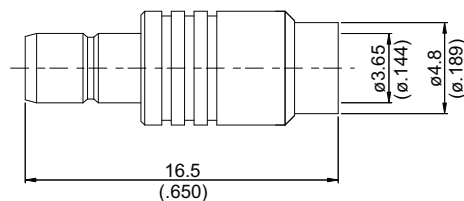


Figure 2

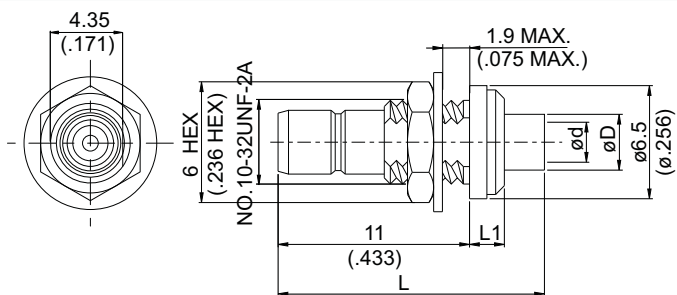


Figure 3

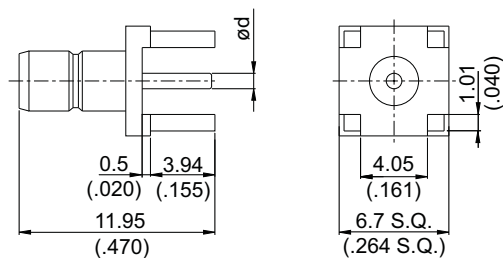


Figure 4

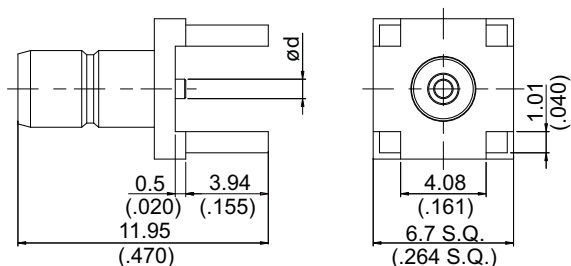


Figure 5

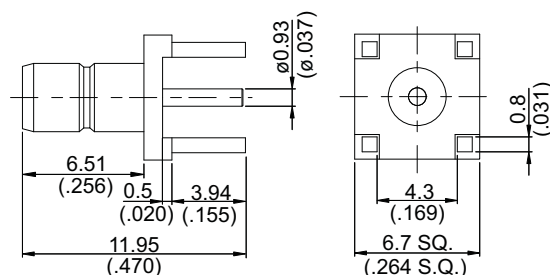
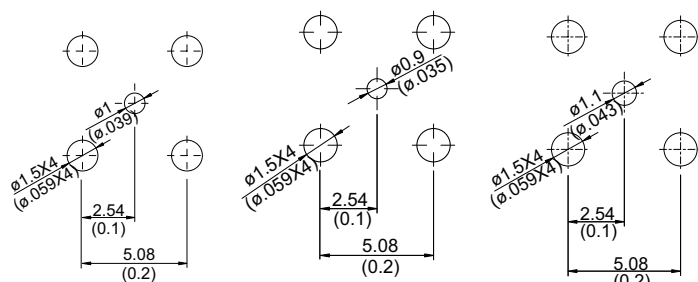


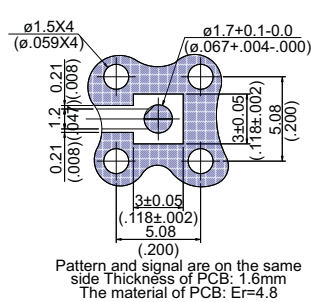
Figure 6



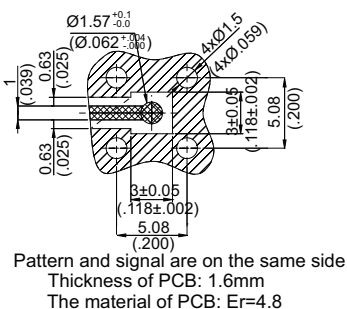
M.H 47

M.H 48

M.H 95

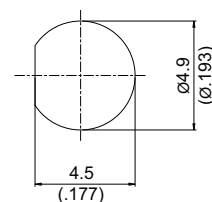


M.H 127



M.H 127A

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
SMB JACK SOLDER								
SMB8300-0085	1			.085	A1	v		
SMB8300-0141	2			.141	A1	v		
SMB JACK SOLDER FOR BULKHEAD								
SMB8305-0085	3	L=15.3(.602) L1= 2.0(.079) ød=2.30(.091) øD=3.5(.137)	1	.085	A1	v		
SMB8305-0141	3	L=16.5(.650) L1= 3.2(.126) ød=3.65(.144) øD=4.8(.189)	1	.141	A1	v		
SMB JACK P.C.B MOUNT								
SMB8400-0000	4	ød=0.93 (.037)	47		A1			
SMB8475-0000	4	ød=0.83 (.033)	48		A1			75Ω Mini SMB Interface
SMB84RE-0000	5	ød=0.93(.037)	127		A1			
SMB8475-SH00	5	ød=0.51(.020)	127A		B1			75Ω ; Mini SMB Interface
SMB84CE-0000	6		95		A1			



M.H 1

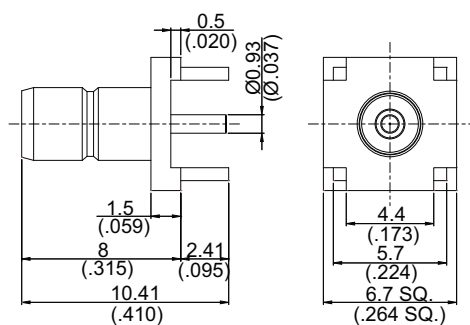


Figure 1

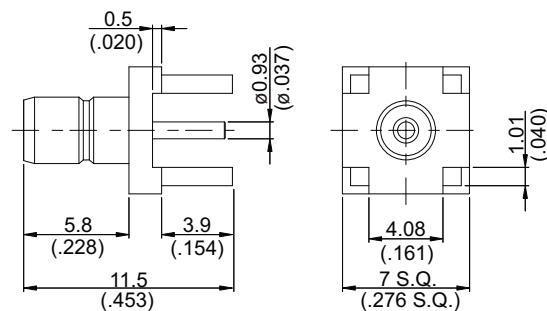


Figure 2

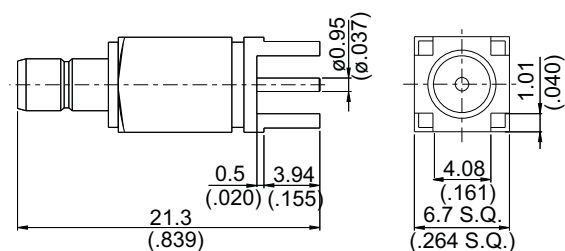


Figure 3

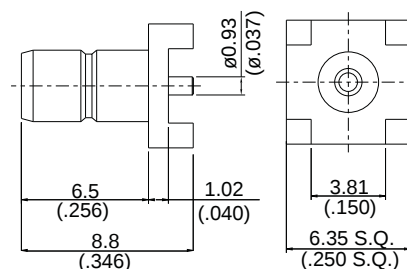


Figure 4

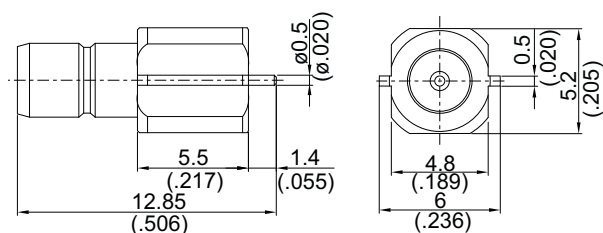


Figure 5

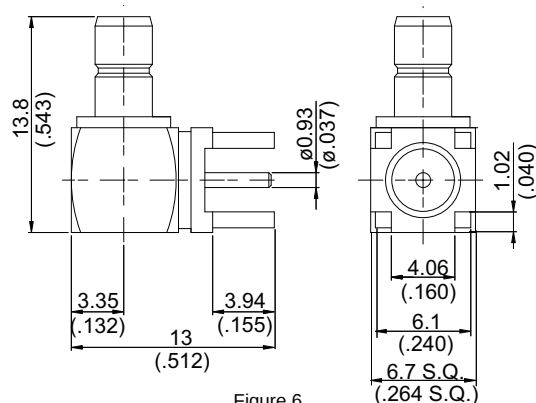
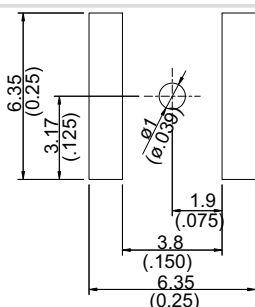
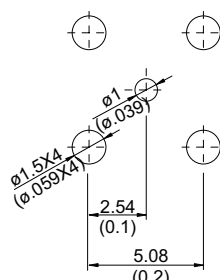


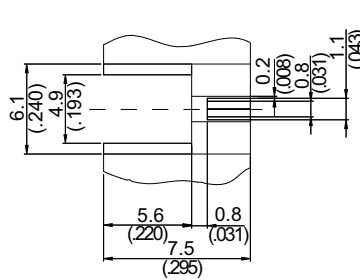
Figure 6



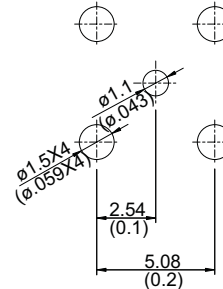
M.H 46



M.H 47

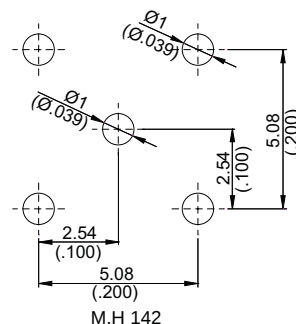


M.H 93



M.H 95

PART NUMBER	Fig.	M.H.	Material	Remarks
SMB JACK P.C.B MOUNT				
SMB8402-0000	1	142	A1	
SMB84NG-0000	2	95	A1	
SMB8400L-0000	3	47	A1	
SMB8400S-0000	4	46	A1	Gold Plated Brass
SMB JACK P.C.B EDGE MOUNT				
SMB8400P-0000	5	93	A1	
SMB8475P-0000	5	93	A1	75Ω Mini SMB Interface
SMB JACK P.C.B MOUNT RIGHT ANGLE				
SMB8400-9000	6	47	A1	



M.H 142

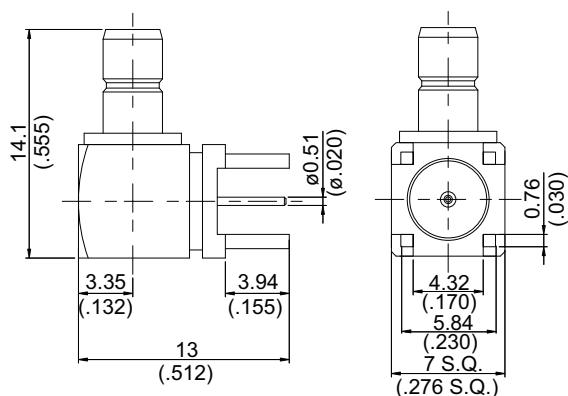


Figure 1

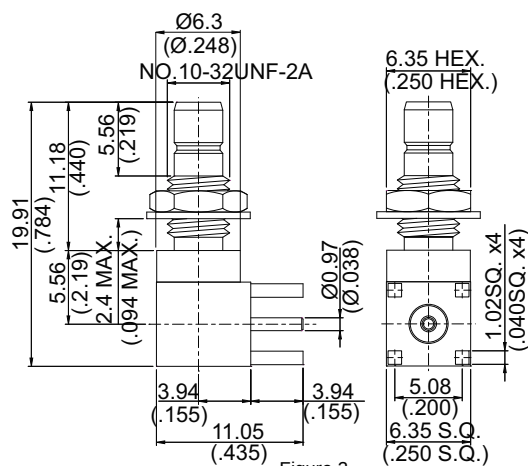


Figure 2

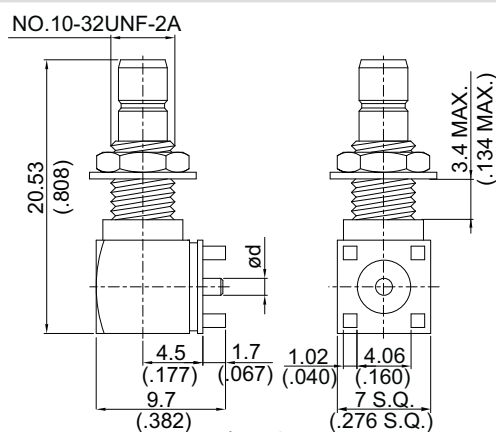


Figure 3

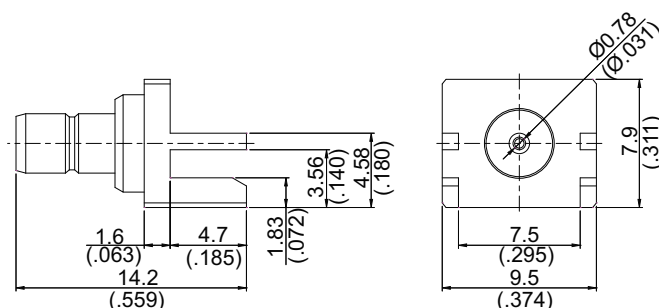


Figure 4

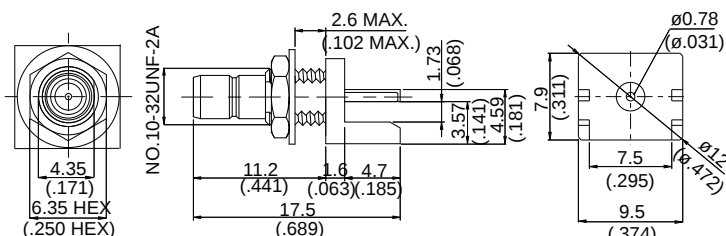


Figure 5

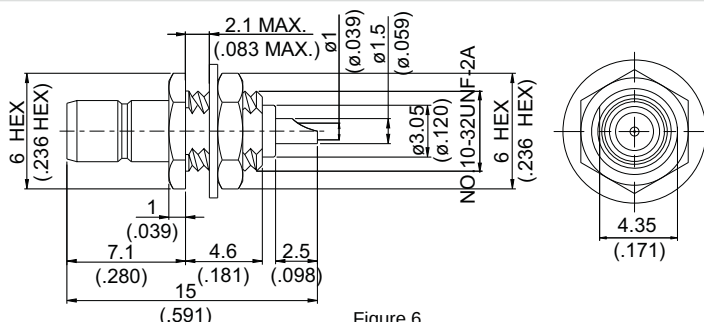


Figure 6

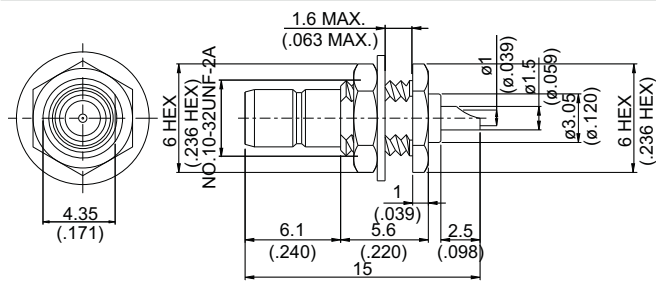
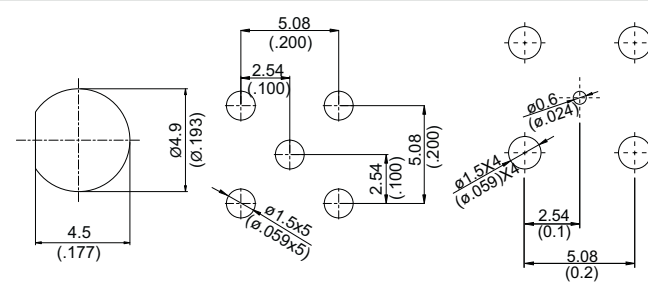


Figure 7

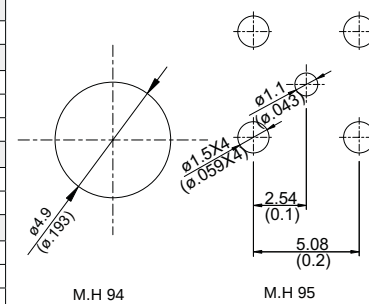


M.H 1

M.H 14

M.H 78

PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMB JACK P.C.B MOUNT RIGHT ANGLE					
SMB8400-9075	1		78	A1	75ohm Mini SMB Interface
SMB JACK P.C.B MOUNT RIGHT ANGLE FOR BULKHEAD					
SMB8405-9000	2		94&95	A1	
SMB8410-9000	3	ød=1.27(.050)	14&94	A1	
SMB8410-9075	3	ød=0.51(.020)	14&78	A1	
SMB JACK P.C.B MOUNT END LAUNCH					
SMB8431-0000/NM	4			A1	
SMB8433-0000	5		1	A1	
SMB JACK FOR BULKHEAD					
SMB8500-0000	6		1	A1	Nut Screwed On From The Rear
SMB8575-0000	6		1	A1	Nut Screwed On From The Rear; 75Ω Mini SMB Interface
SMB8501-0000	7		1	A1	Nut Screwed On From The Front



M.H 94

M.H 95

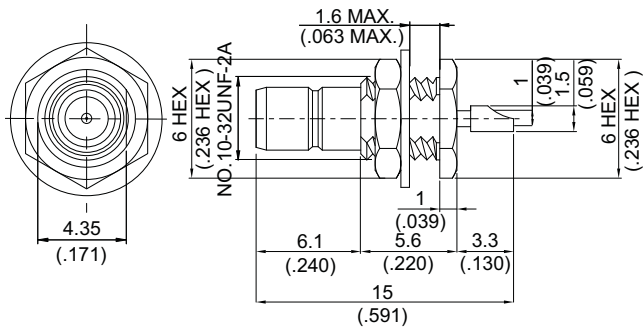


Figure 1

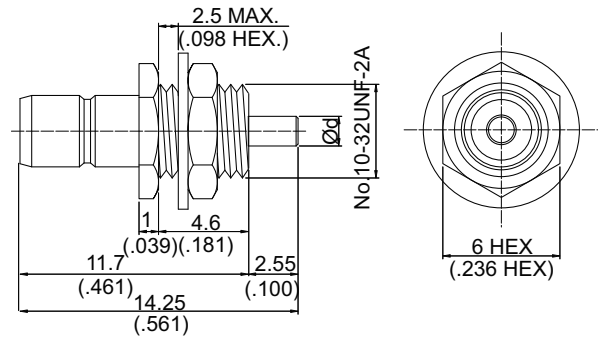


Figure 2

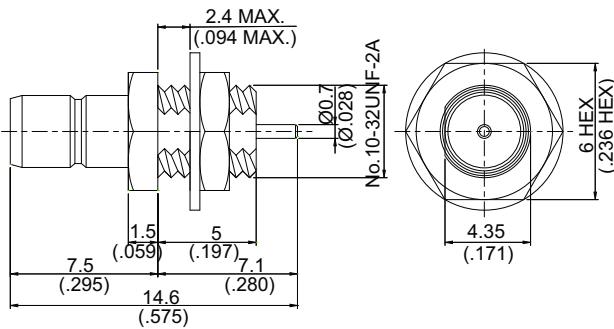


Figure 3

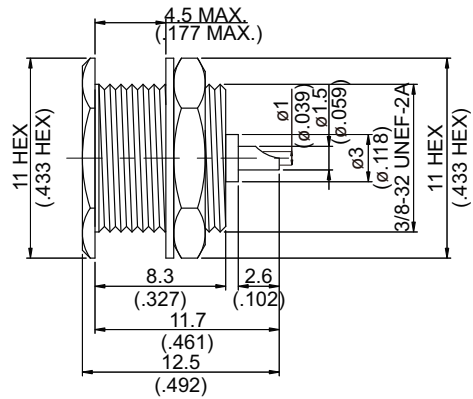


Figure 4

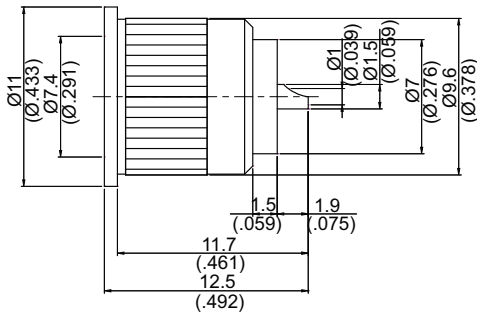


Figure 5

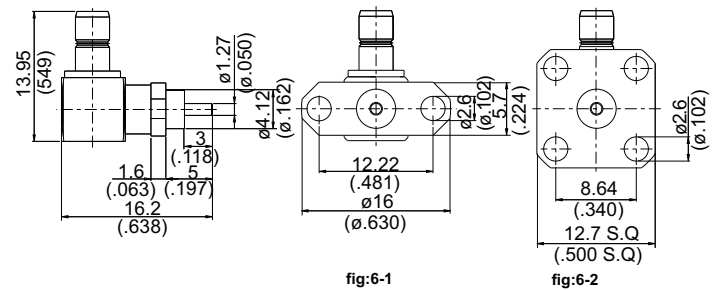


Figure 6

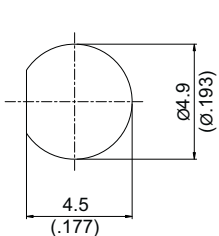


fig:6-1

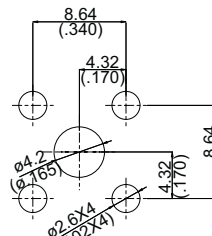
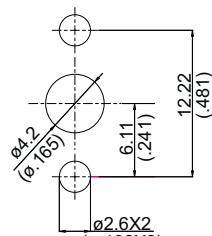
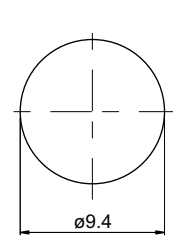


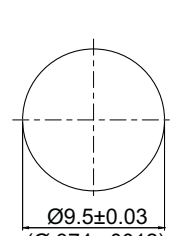
fig:6-2



M.H 19

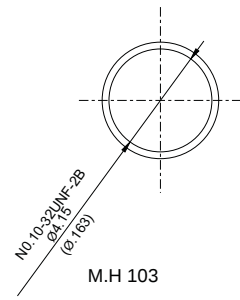


M.H 92



M.H 92A

PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMB JACK FOR BULKHEAD					
SMB8501A-0000	1		1	A1	Nut Screwed On From The Front
SMB8502-0000	2	d=1.52(.060)	103	A1	Nut Screwed On From The Rear
SMB8503-0000	2	d=0.70(.028)	103	A1	Nut Screwed On From The Rear
SMB8504-0000	3		1	A1	
SMB8585-0000	4		92	A1	
SMB JACK PRESS FIT					
SMB8586-0000	5		92A	A1	
SMB JACK FOR PANEL RECEPTACLE RIGHT ANGLE					
SMB8620-9000	6-1		19	A1	
SMB8640-9000	6-2		18	A1	



M.H 103

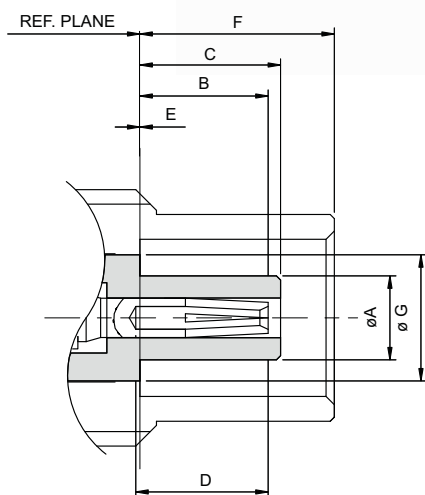
SMS SERIES Coaxial Connectors

FEATURES

SMS connectors are used in applications up to 4GHz which require fast connections and disconnections.

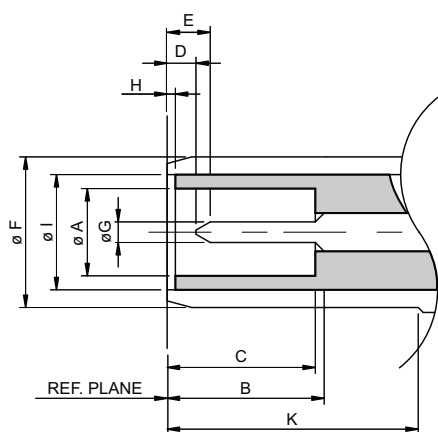
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	---	2.06 (.081)
B	2.85 (.112)	3.40 (.134)
C	---	3.40 (.134)
D	2.79 (.110)	---
E	0 (.000)	---
F	---	5.20 (.205)
G	3.05 (.120)	

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	2.08 (.082)	---
B	3.40 (.134)	---
C	3.40 (.134)	---
D	0.61 (.024)	---
E	---	2.13 (.084)
F	3.66 (.144)	3.71 (.146)
G	0.48 (.019)	0.53 (.021)
H	0 (.000)	---
I	3.05 (.120)	---
K	5.30 (.209)	---

Note: 1. JYEBAO SMS connectors meet the interface requirements of MIL-STD-348A
2. SMS plugs are intermateble with SMB jacks.



TECHNICAL DATA

Electrical Data		
Cable Dielectric Diameter	1(.039)	2(.079)
Working Voltage (at sea level, in V rms, 50Hz)	≤250	≤350
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	750	
Impedance	50 Ω	
Frequency Range	DC up to 4 GHz	
Insulation Resistance	≥10000M Ω	
Contact Resistance Inner Conductor	≤5m Ω	
Contact Resistance Outer Conductor	≤2.5m Ω	

Mechanical Data	
Durability (matings)	≥500
Contact Captivation (Axial)	≥2.25 lbs
Engagement Force(typical)	1.8 lbs
Disengagement Force(typical)	1.1 lbs

Environmental Data	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

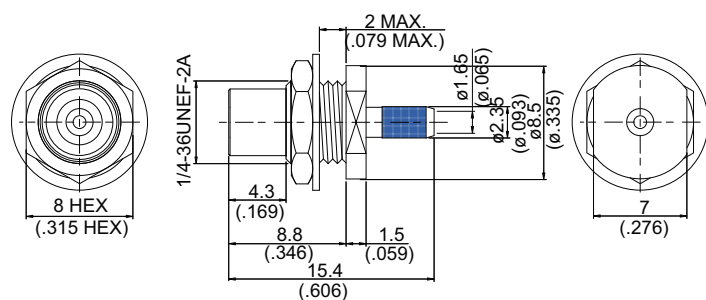


Figure 1

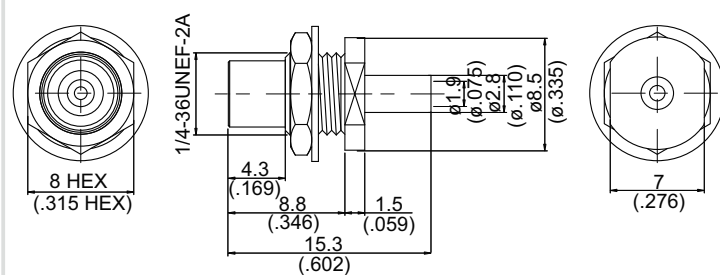


Figure 2

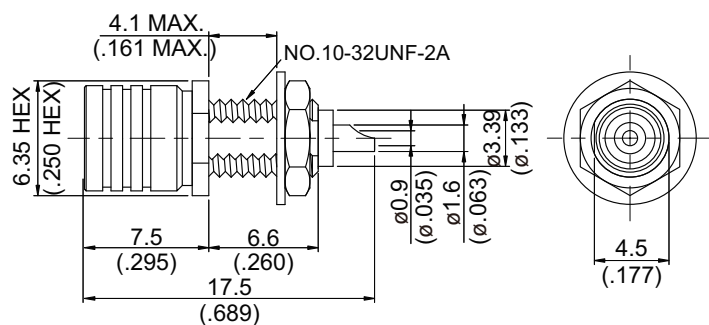


Figure 3

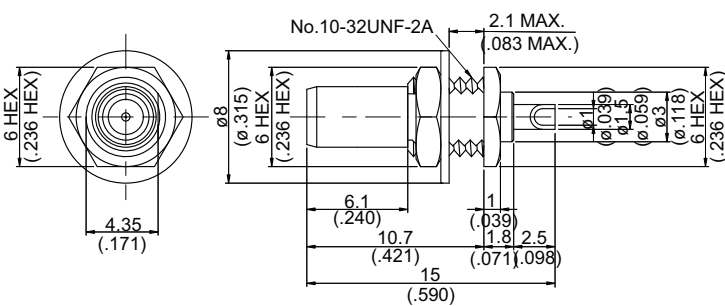
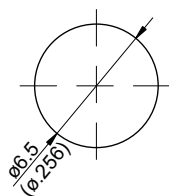
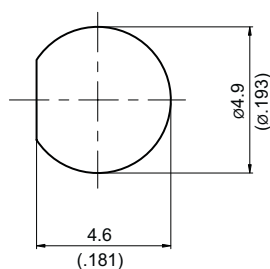


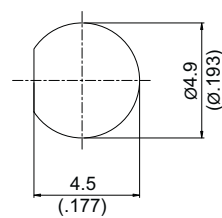
Figure 4



M.H 91



M.H 1A



M.H 1

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
SMS PLUG CRIMP FOR BULKHEAD								
SMS3105-0316	1	91	316	B1		v	A5	
SMS PLUG SOLDER FOR BULKHEAD								
SMS3305-0178	2	91	178	B1		v	A12	
SMB PLUG FOR BULKHEAD								
SMS3500-0000	3	1A		B1				
SMB JACK FOR BULKHEAD								
SMS8501-0000	4	1		A1				Nut screwed on from the front

SMC SERIES

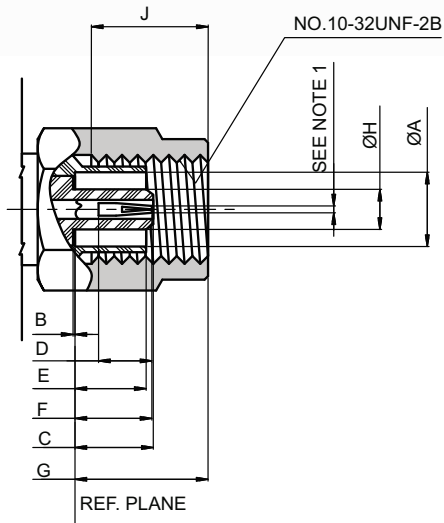
Subminiature Coaxial Connectors

FEATURES

Subminiature coaxial connectors with 50 Ω impedance for applications up to 10 GHz. SMC(screw on mechanism) fulfills the subminiature coaxial connector requirement for low frequency applications. Main fields of applications are internal connections and miniature coaxial components. Vibration-proof connection, specially suited for semi-permanent connections, is used in mobile equipments.

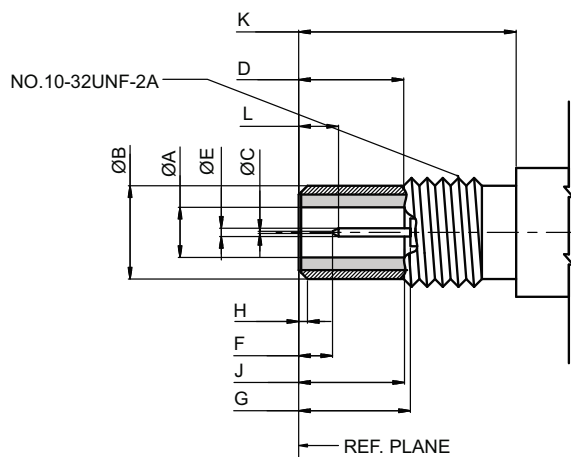
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (Inch)	
	Minimum	Maximum
A	3.73(.147)	3.81(.150)
B	0.00	—
C	—	3.40(.134)
D	2.79(.110)	—
E	—	3.10(.122)
F	—	3.40(.134)
G	—	5.92(.233)
H	—	2.06(.081)
J	2.79(.110)	—

JACK:



Letter	Millimeters (Inch)	
	Minimum	Maximum
A	2.08(.082)	—
B	—	3.71(.146)
C	—	0.25(.010)
D	3.12(.123)	3.38(.133)
E	0.48(.019)	0.53(.021)
F	0.61(.024)	—
G	3.40(.134)	—
H	0.00	0.30(.012)
J	3.40(.134)	3.66(.144)
K	5.94(.234)	—
L	—	2.13(.084)

NOTES

1. ID TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .508 $\pm$.0254MM DIA PIN.
2. JYEBAO'S SMC CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD-346A

TECHNICAL DATA

Electrical Data		
Cable Dielectric Diameter	0.86(.034)	1.5(.059)
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	750	1000
Working Voltage (at sea level, in V rms, 50 Hz)	≤250	≤335
Impedance	50Ω	
Frequency Range	DC up to 10 GHz	
Insulation Resistance	≥10000MΩ	
Contact Resistance Inner conductor	≤6mΩ	
Contact Resistance Outer conductor	≤1mΩ	

Mechanical Data	
Recommended Coupling Nut Torque	2.2 to 3.1 in.-lbs
Coupling Proof Torque	6.2 in.-lbs
Coupling Nut Retention Force	≥33.72 lbs
Contact Captivation	≥2.25 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR

	Frequency Range				Cable Type
	1GHz	3GHz	5GHz	10GHz	
Typical VSWR for SMC Straight Connectors	1.07	1.1	1.25	/	RG174, RG188, RG316, RD316
	1.15	1.38	1.43	/	RG178, RG196
	1.07	1.15	1.19	1.25	Semi-rigid .085
	1.07	1.15	1.19	1.25	Semi-rigid .141
Typical VSWR for SMC Right Angle Connectors	1.09	1.12	1.18	/	RG174, RG188, RG316, RD316
	1.15	1.38	1.43	/	RG178, RG196
	1.07	1.1	1.12	1.35	Semi-rigid .085
	1.07	1.1	1.12	1.35	Semi-rigid .141

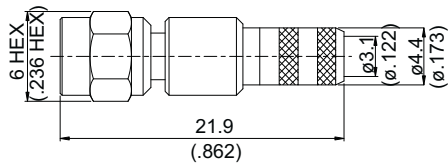


Figure 1

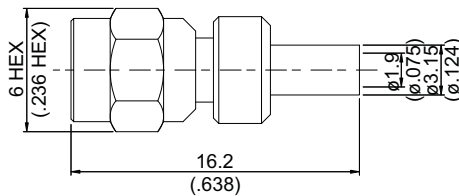


Figure 2

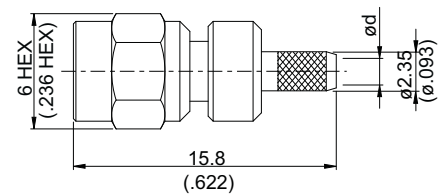


Figure 3

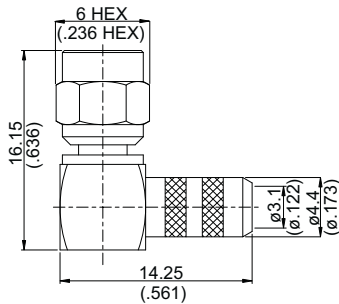


Figure 4

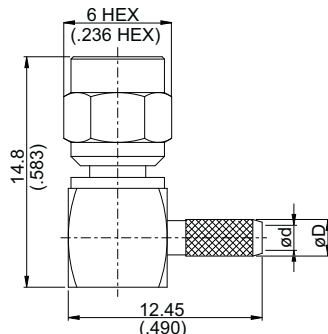


Figure 5

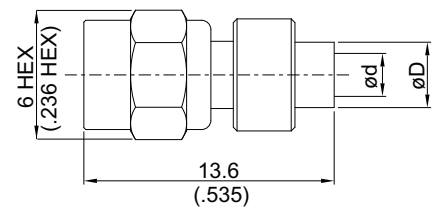


Figure 6

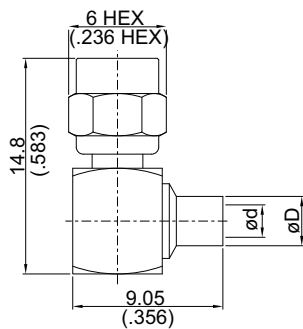


Figure 7

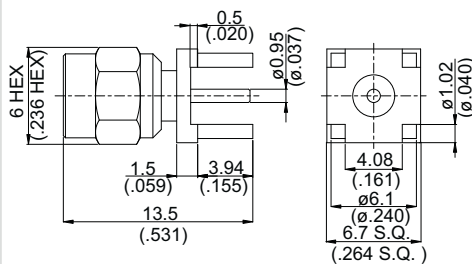


Figure 8

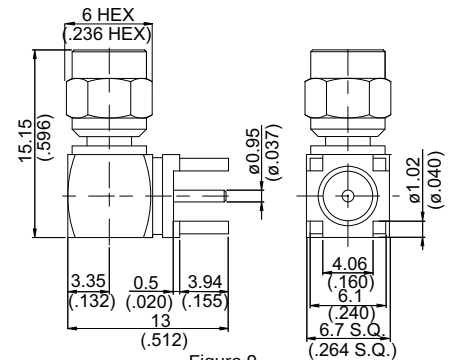
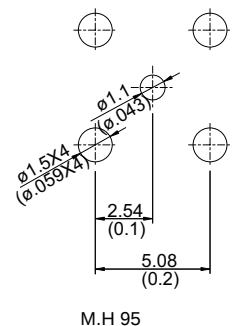


Figure 9

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMC PLUG CRIMP									
SMC3100-0058	1			58	C4	v*	v*	B7/B1	
SMC3100-0142	1			142	C4	v		B7	
SMC3100-0223	1			223	C4	v*	v*	B8/B2	
SMC3100-0178	2			178	C4		v	A4	
SMC3100-0179	3	ød=1.65 (.065)		179	C4	v*	v*	A17/A5	75Ω
SMC3100-0316	3	ød=1.6 (.063)		316	C4		v	A5	
SMC3100D-0316	3	ød=1.6 (.063)		316D	C4		v	A5	
SMC3100-L100	3	ød=1.7 (.067)		100	C4		v	A5	
SMC PLUG CRIMP RIGHT ANGLE									
SMC3100-9058	4			58	C4	v		B7	
SMC3100-9142	4			142	C4	v		B7	
SMC3100-9223	4			223	C4	v		B8	
SMC3100-9178	5	ød=1.00 (.039) øD=1.8 (.071)		178	B4	v		A10	
SMC3100-9179	5	ød=1.65 (.065) øD=2.35 (.093)		179	B4	v		A17	75Ω
SMC3100-9316	5	ød=1.6 (.063) øD=2.35 (.093)		316	B4	v		A17	
SMC3100D-9316	5	ød=1.6 (.063) øD=2.35 (.093)		316D	B4	v		A17	
SMC3100-9L100	5	ød=1.7 (.067) øD=2.35 (.093)		100	B4	v		A17	
SMC PLUG SOLDER									
SMC3300-0085	6	ød=2.3 (.091) øD=3.5 (.138)		.085	C4		v	A12	
SMC3300-0141	6	ød=3.65 (.144) øD=4.8 (.189)		.141	C4	v			
SMC PLUG SOLDER RIGHT ANGLE									
SMC3300-9034	7	ød=1.0 (.039) øD=2.0 (.079)		.034	B4	v			
SMC3300-9047	7	ød=1.39 (.051) øD=2.2 (.087)		.047	B4	v			
SMC3300-9085	7	ød=2.3 (.091) øD=3.2 (.126)		.085	B4	v			
SMC PLUG P.C.B MOUNT									
SMC3400-0000	8		95		C4				
SMC PLUG P.C.B MOUNT RIGHT ANGLE									
SMC3400-9000	9		95		B4				



M.H 95

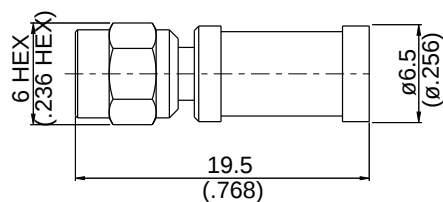


Figure 1

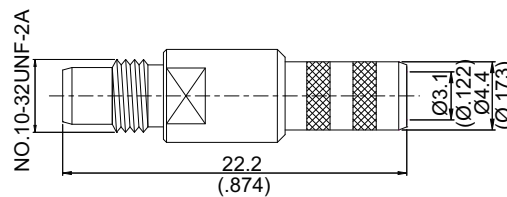


Figure 2

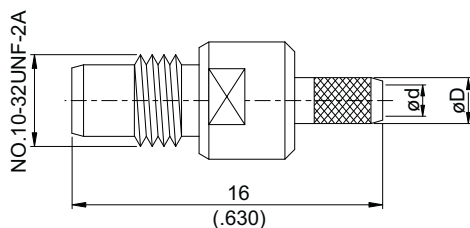


Figure 3

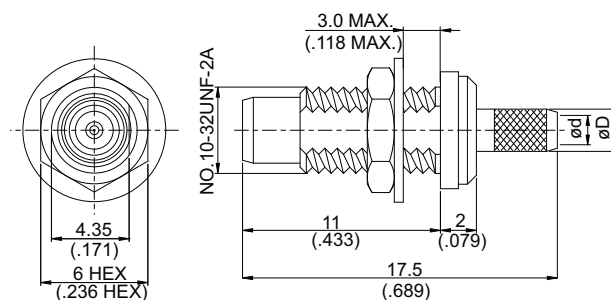


Figure 4

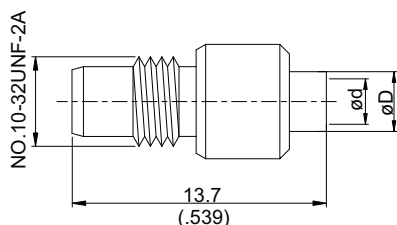


Figure 5

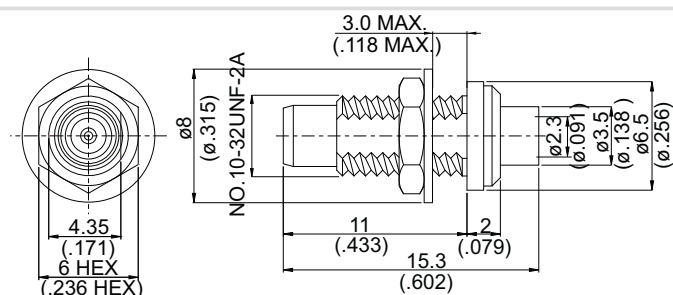


Figure 6

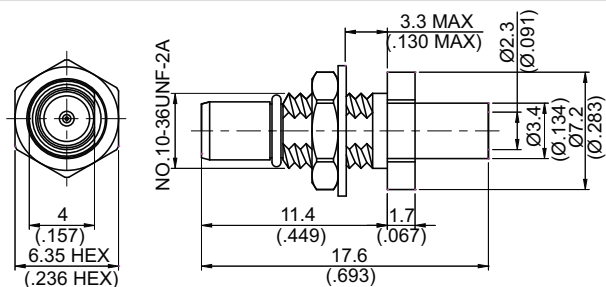
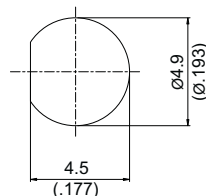
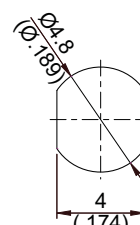


Figure 7



M.H 1



M.H 122A

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SMC PLUG TERMINATOR									
SMC3900-0006	1				C4				2W Average Power; VSWR≤1.2 up to 6GHz
SMC JACK CRIMP									
SMC8100-0058	2			58	A1	v*	v*	B7/B1	
SMC8100-0142	2			142	A1	v		B7	
SMC8100-0223	2			223	A1	v*	v*	B8/B2	
SMC8100-0178	3	ød=1.00 (.039) øD=1.80 (.071)		178	A1	v*	v*	A10/A4	
SMC8100-0316	3	ød=1.6 (.063) øD=2.35 (.093)		316	A1	v*	v*	A17/A5	
SMC8100D-0316	3	ød=1.6 (.063) øD=2.35 (.093)		316D	A1	v*	v*	A17/A5	
SMC8100-L100	3	ød=1.7 (.067) øD=2.35 (.093)		100	A1	v*	v*	A17/A5	
SMC JACK CRIMP FOR BULKHEAD									
SMC8105-0178	4	ød=2.3 (.091) øD=3 (.118)	1	178	A1	v*	v*	A9/A3	
SMC8105-0179	4	ød=1.65 (.065) øD=2.35 (.093)	1	179	A1	v		A17	75Ω
SMC8105-0316	4	ød=1.6 (.063) øD=2.35 (.093)	1	316	A1	v*	v*	A17/A5	
SMC8105D-0316	4	ød=1.6 (.063) øD=2.35 (.093)	1	316D	A1	v*	v*	A17/A5	
SMC8105-L100	4	ød=1.7 (.067) øD=2.35 (.093)	1	100	A1	v*	v*	A17/A5	
SMC JACK SOLDER									
SMC8300-0085	5	ød=2.30 (.091) øD=3.5 (.138)		.085	A1	v			
SMC8300-0141	5	ød=3.65 (.144) øD=4.8 (.189)		.141	A1	v			
SMC8375-0141	5	ød=3.65 (.144) øD=4.8 (.189)		.141J	A1	v			75 Ω
SMC JACK SOLDER FOR BULKHEAD									
SMC8305-0085	6		1	.085	A1	v			
SMC8305A-0085	7		122A	.085	A1	v			

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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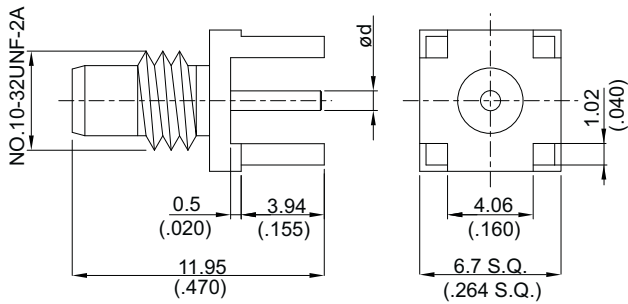


Figure 1

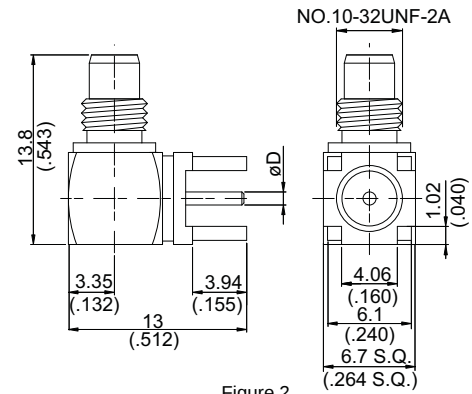


Figure 2

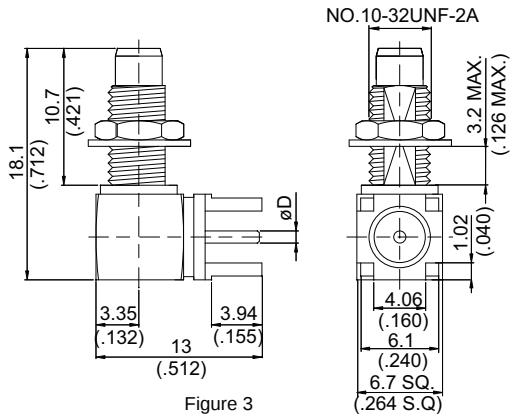


Figure 3

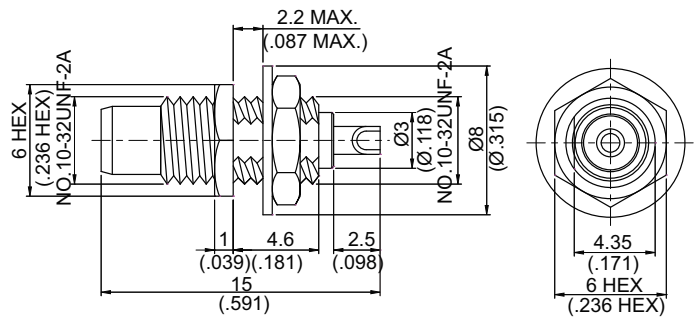


Figure 4

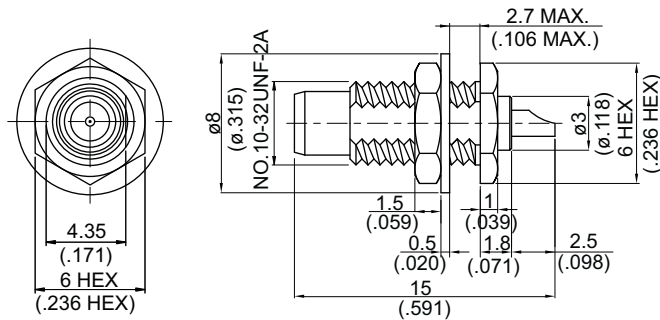


Figure 5

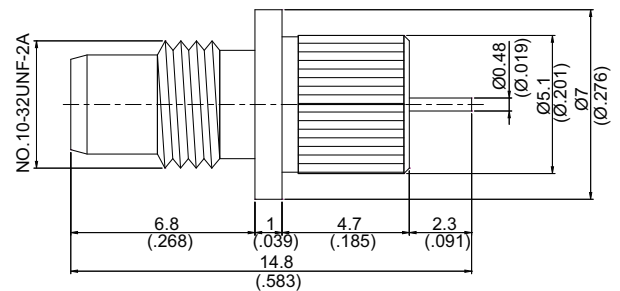


Figure 6

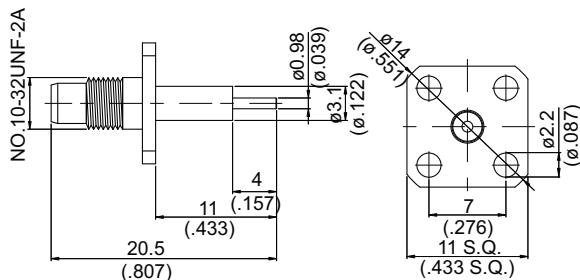
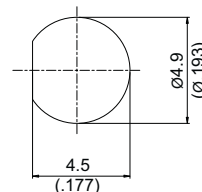
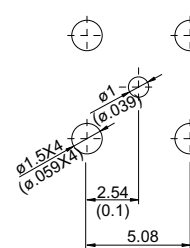


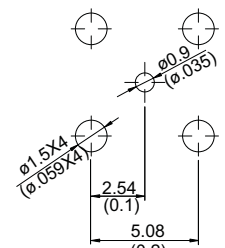
Figure 7



M.H 1

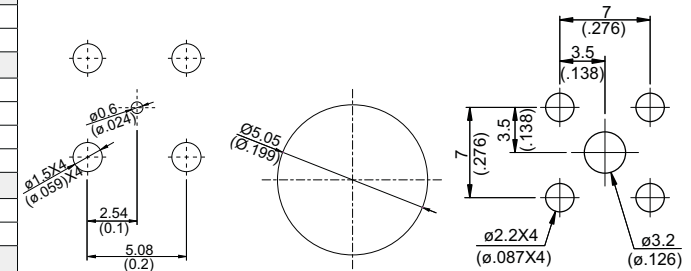


M.H 47

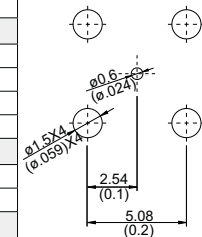


M.H 48

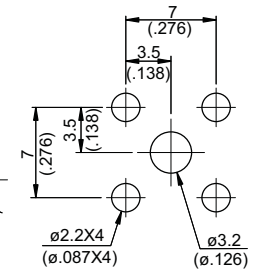
PART NUMBER	Fig.	Measurements	M.H.	Material	Remarks
SMC JACK P.C.B MOUNT					
SMC8400-0000	1	øD=0.93 (.037)	47	A1	75Ω
SMC8475-0000	1	øD=0.83 (.033)	48	A1	75Ω
SMC JACK P.C.B MOUNT RIGHT ANGLE					
SMC8400-9000	2	øD=0.95 (.037)	47	A1	75Ω
SMC8475-9000	2	øD=0.83 (.033)	48	A1	75Ω
SMC8400A-9000	3	øD=0.95 (.037)	47&1	A1	75Ω
SMC8475A-9000	3	øD=0.51 (.020)	78&1	A1	75Ω
SMC JACK FOR BULKHEAD					
SMC8500-0000	4		1	A1	
SMC8501-0000	5		1	A1	
PRESS FIT SMC JACK FOR BULKHEAD					
SMC8502-0000	6		63	A1	
SMC JACK FOR PANEL RECEPTACLE					
SMC864RE-0000	7		66	A1	



M.H 63



M.H 78



M.H 66

MMCX SERIES

Microminiature Coaxial Connectors

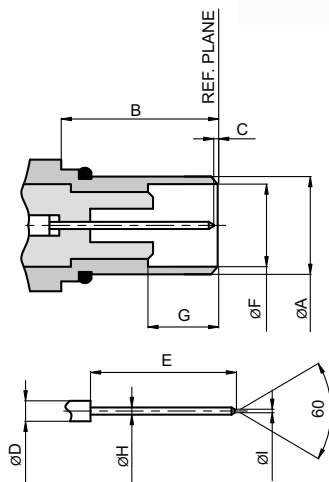
FEATURES

MMCX connectors are smaller than MCX connectors and are used from DC up to 6 GHz in applications where a tiny size is crucial.

MMCX

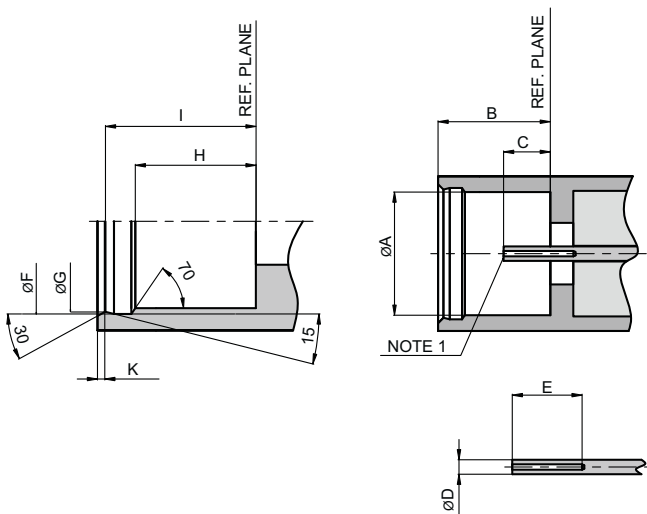
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	-	2.40(.094)
B	2.70(.106)	-
C	0.00	0.13(.005)
D	.070(.027)Nominal	
E	-	3.15(.124)
F	1.58(.062)	1.62(.064)
G	1.45(.057)	-
H	0.38(.015)	0.42(.017)
I	-	0.20(.008)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	2.41(.095)	-
B	2.60(.102)	-
C	0.90(.035)	1.20(.047)
D	0.70(.028)Nominal	
E	1.40(.055)	-
F	3.00(.118)	3.04(.118)
G	2.88(.113)	2.90(.114)
H	1.57(.062)	1.63(.064)
I	2.30(.091)	2.34(.092)
K	-	0.23(.009)

NOTES

1. ID TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .038/0.42mm DIAMETER PIN.



MMCX

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	500
Working Voltage (at sea level, in V rms, 50 Hz)	≤170
Impedance	50Ω
Frequency Range	DC up to 6 GHz
Insulation Resistance	≥1000MΩ
Contact Resistance Inner conductor	≤5mΩ
Contact Resistance Outer conductor	≤2.5mΩ

Mechanical Data	
Engagement Force	≤3.4 lbs
Disengagement Force	Between 1.4 lbs and 3.4 lbs
Contact Captivation	≥2.3 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-55°C...+155°C
Thermal Shock	MIL-STD-202, Method 107, Condition F
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR

	Frequency Range			Cable Type
	1GHz	3GHz	6GHz	
Typical VSWR for MMCX Straight Connectors	1.04	1.08	1.12	RG174, RG188, RG316
	1.04	1.08	1.12	RG178, RG196
	1.03	1.08	1.12	Semi-rigid .047
	1.03	1.08	1.12	Semi-rigid .085
Typical VSWR for MMCX Right Angle Connectors	1.07	1.12	1.25	RG174, RG188, RG316
	1.07	1.12	1.25	RG178, RG196
	1.03	1.08	1.13	Semi-rigid .047
	1.03	1.08	1.13	Semi-rigid .085

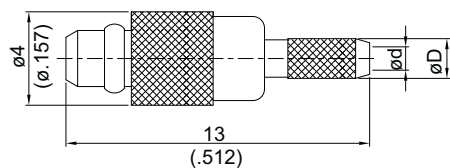


Figure 1

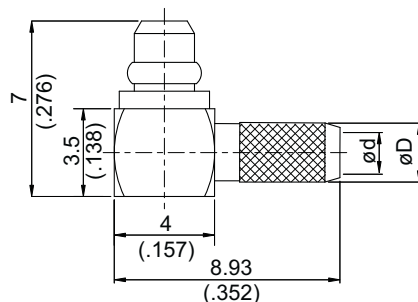


Figure 2

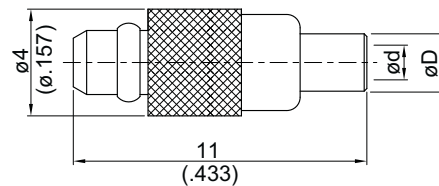


Figure 3

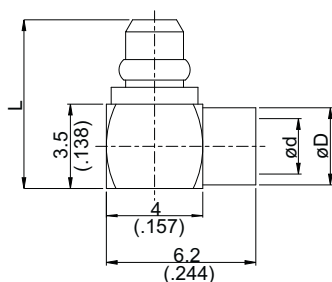


Figure 4

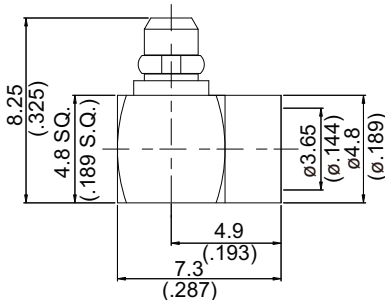


Figure 5

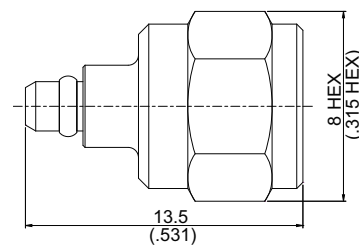


Figure 6

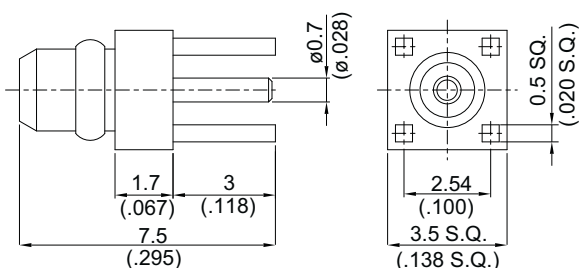


Figure 7

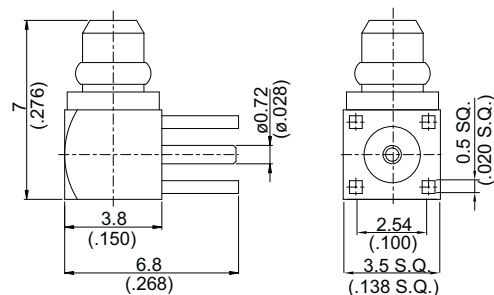
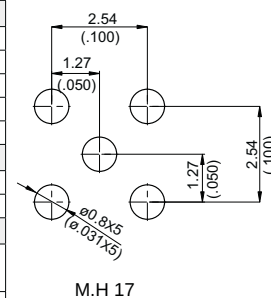


Figure 8

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
MMCX PLUG CRIMP									
MMCX3100-0178	1	ød=1.00 (.039) øD=1.80 (.071)		178	A1	v		A10	
MMCX3100-0316	1	ød=1.6 (.063) øD=2.35 (.093)		316	A1	v		A17	
MMCX6100-0316	1	ød=1.6 (.063) øD=2.35 (.093)		316	C1	v		A17	Reverse Polarity Plug
MMCX3100D-0316	1	ød=1.6 (.063) øD=2.35 (.093)		316D	A1	v		A17	
MMCX3100-L100	1	ød=1.7 (.067) øD=2.35 (.093)		100	A1	v		A17	
MMCX6100-L100	1	ød=1.7 (.067) øD=2.35 (.093)		100	C1	v		A17	Reverse Polarity Plug
MMCX PLUG CRIMP RIGHT ANGLE									
MMCX3100-9178	2	ød=1.00(.039) øD=1.8 (.071)		178	A1	v		A10	
MMCX3100-9316	2	ød=1.6 (.063) øD=2.35 (.093)		316	A1	v		A17	
MMCX3100D-9316	2	ød=1.6 (.063) øD=2.35 (.093)		316D	A1	v		A17	
MMCX6100-9316	2	ød=1.6 (.063) øD=2.35 (.093)		316	C1	v		A17	Reverse Polarity Plug
MMCX3100-9L100	2	ød=1.7 (.067) øD=2.35 (.093)		100	A1	v		A17	
MMCX PLUG SOLDER									
MMCX3300-0047	3	ød=1.3 (.051) øD=2.15 (.085)		.047	A1	v			
MMCX3300-0085	3	ød=2.4 (.094) øD=2.8 (.110)		.085	A1	v			
MMCX PLUG SOLDER RIGHT ANGLE									
MMCX3300-9047	4	L=7(.276) ød=1.25 (.049) øD=2.3 (.091)		.047	A1	v			
MMCX3300-9085	4	L=7.6(.299) ød=2.3 (.091) øD=3.5 (.138)		.085	A1	v			
MMCX3300-9141	5			.141	A1	v			
MMCX PLUG P.C.B MOUNT									
MMCX3400-0000	7		17		A1				
MMCX PLUG P.C.B MOUNT RIGHT ANGLE									
MMCX3400-9000	8		17		A1				
MMCX PLUG TERMINATOR									
MMCX3900-0006	6				A1				2W Average Power ; VSWR ≤ 1.25 Up To 6GHz



M.H 17

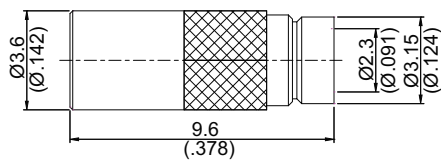


Figure 1

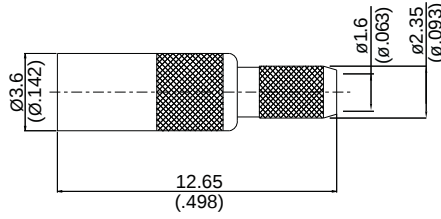


Figure 2

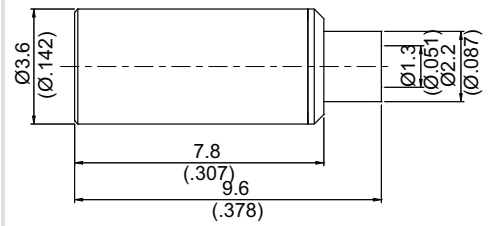


Figure 3

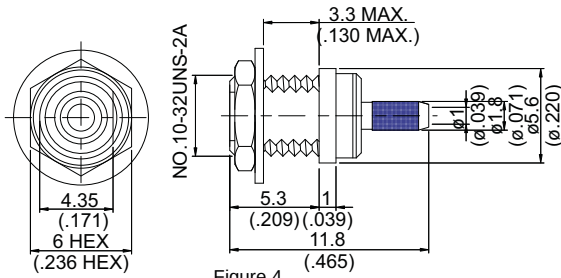


Figure 4

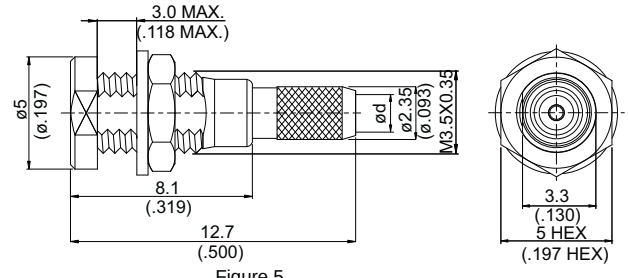


Figure 5

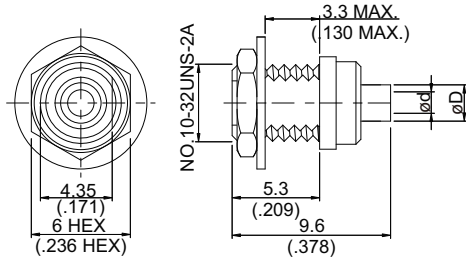


Figure 6

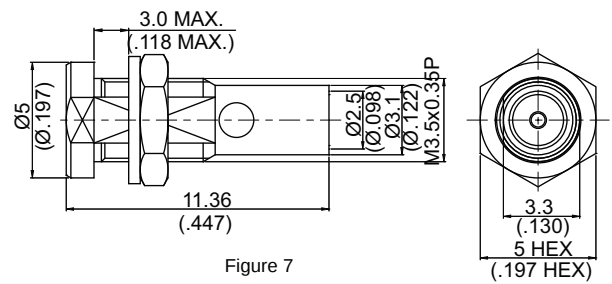


Figure 7

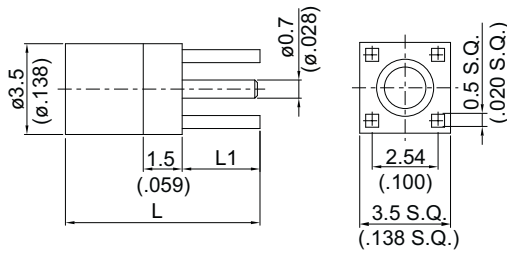
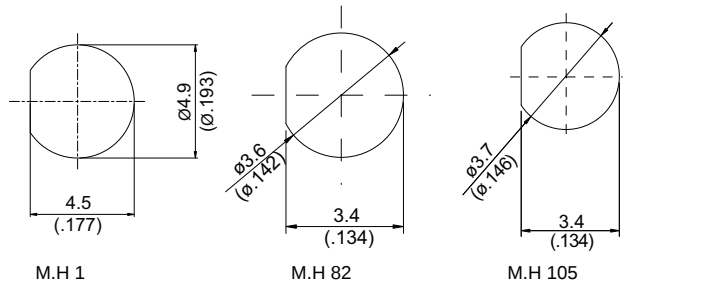


Figure 8

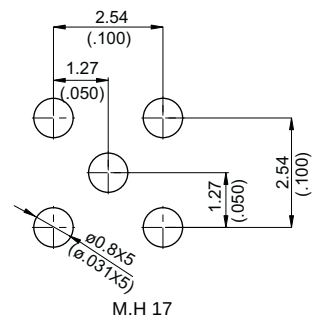


M.H 1

M.H 82

M.H 105

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
MMCX JACK CRIMP									
MMCX8100B-0178	1			178	C1	v*	v*	A9/A0	
MMCX8100-0316	2	ød=1.6 (.063)		316	C1	v*	v*	A17/A2	
MMCX9100-0316	2	ød=1.6 (.063)		316	A1	v*	v*	A17/A2	Reverse Polarity Jack
MMCX8100-L100	2	ød=1.7 (.067)		100	C1	v*	v*	A17/A2	
MMCX9100-L100	2	ød=1.7 (.067)		100	A1	v*	v*	A17/A2	Reverse Polarity Jack
MMCX JACK CRIMP FOR BULKHEAD									
MMCX8105-0178	4		1	178	C1	v*	v*	A10/A1	
MMCX8105-0316	5	ød=1.6 (.063)	82	316	C1	v*	v*	A17/A2	
MMCX8105D-0316	5	ød=1.6 (.063)	82	316D	C1	v*	v*	A17/A2	
MMCX8105-L100	5	ød=1.7 (.067)	82	100	C1	v*	v*	A17/A2	
MMCX JACK SOLDER									
MMCX8300-0047	3			.047	C1	v			
MMCX JACK SOLDER FOR BULKHEAD									
MMCX8305-0047	6	ød=1.3 (.051) øD=2.2 (.087)	1	.047	C1	v*			
MMCX8305-0085	6	ød=2.3 (.091) øD=3.2(.125)	1	.085	C1	v*			
MMCX8305-0316	7		105	316	C1	v*	v*	A11	
MMCX8305D-0316	7		105	316D	C1	v*	v*	A11	
MMCX8305-L100	7		105	100	C1	v*	v*	A11	
MMCX JACK P.C.B MOUNT									
MMCX8400-0000	8	L=7.5 (.295) L1=3 (.118)	17		C1				
MMCX8400A2-0000	8	L=8.5 (.335) L1=4 (.157)	17		C1				



M.H 17

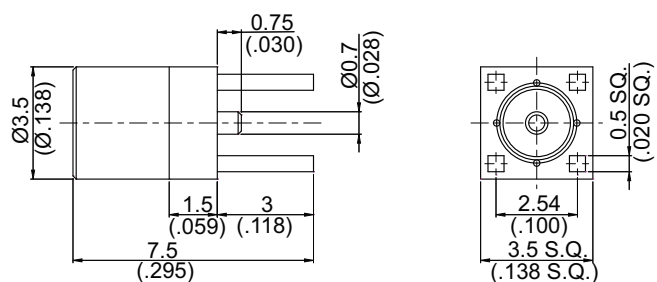


Figure 1

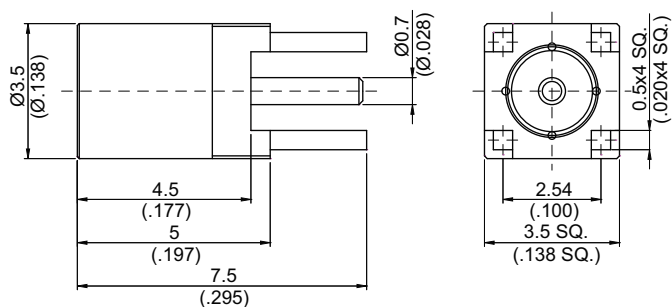


Figure 2

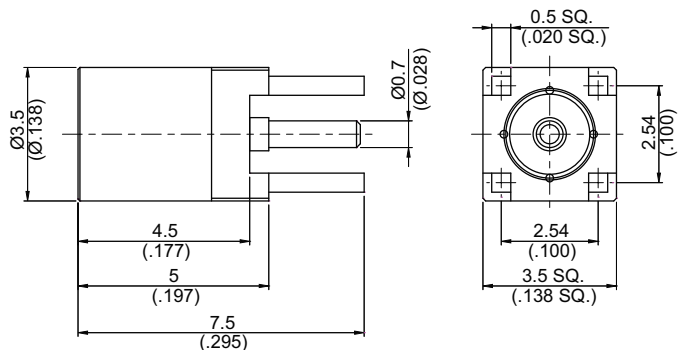


Figure 3

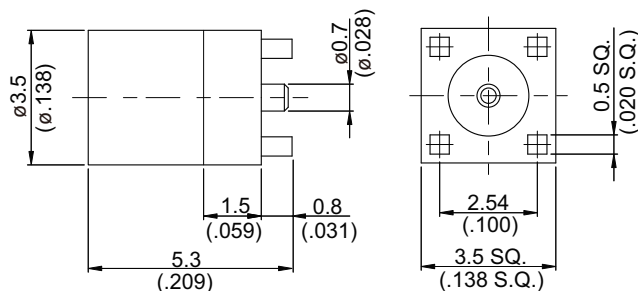


Figure 4

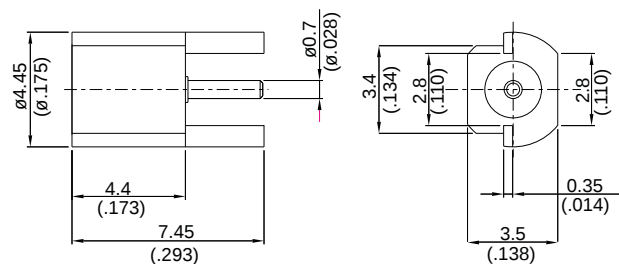


Figure 5

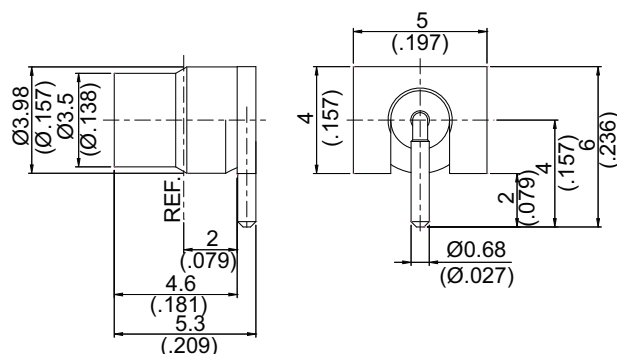
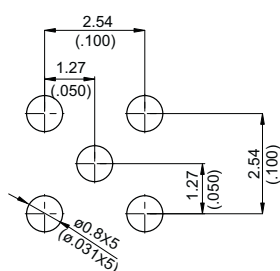
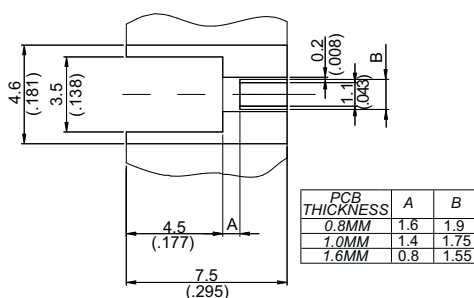


Figure 6

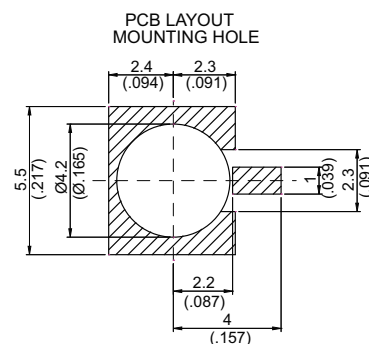


M.H 17



MATERIAL FR 4 ($\epsilon_r = 4.6$)

M.H 83



M.H 136

PART NUMBER	Fig.	M.H	Material
MMCX JACK P.C.B MOUNT			
MMCX8400A1-0000	1	17	C1
MMCX8400A3-0000	2	17	B1
MMCX8400A4-0000	3	17	B1
MMCX JACK P.C.B SURFACE MOUNT			
MMCX8410-0000	4	17	C1
MMCX JACK P.C.B EDGE MOUNT			
MMCX8400A-0000	5	83	C1
MMCX JACK P.C.B MOUNT RIGHT ANGLE			
MMCX8400-9PIN	6	136	B1

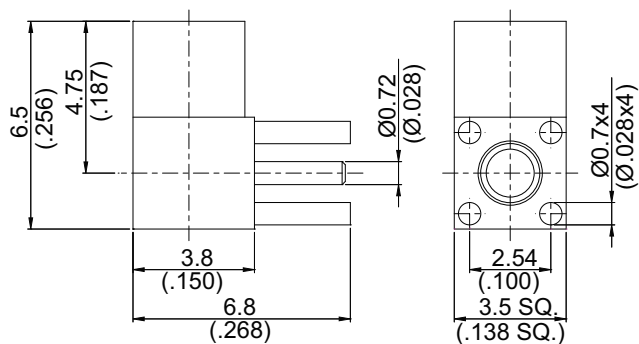


Figure 1

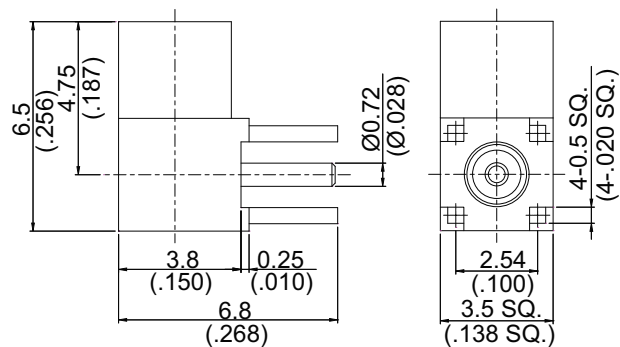


Figure 2

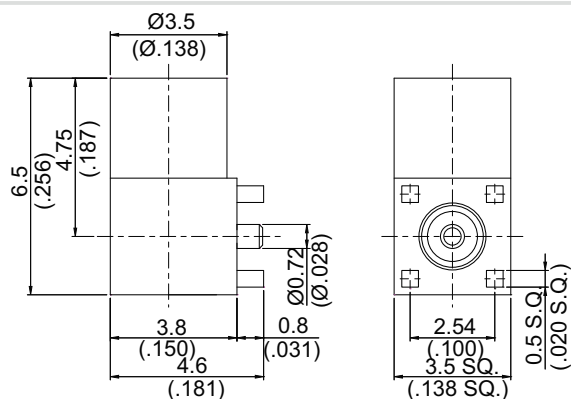


Figure 3

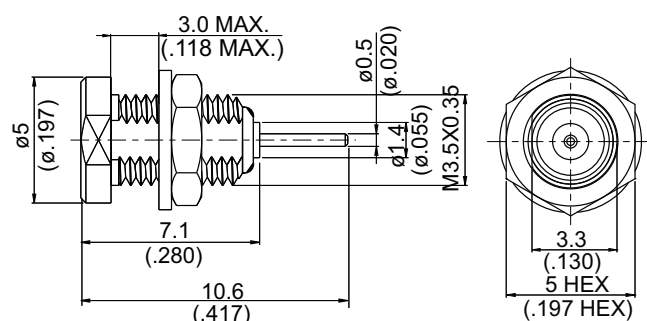
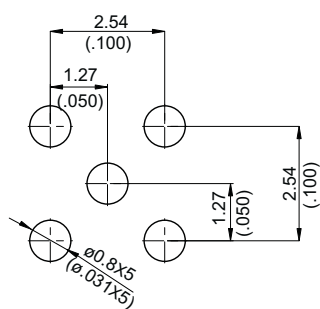
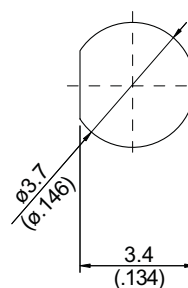


Figure 4



M.H 17



M.H 105

PART NUMBER	Fig.	M.H	Material
MMCX JACK P.C.B MOUNT RIGHT ANGLE			
MMCX8400-9000	1	17	C1
MMCX8400A-9000	2	17	C1
MMCX JACK P.C.B SURFACE MOUNT RIGHT ANGLE			
MMCX8410-9000	3	17	C1
MMCX JACK FOR BULKHEAD			
MMCX8500-0000	4	105	C1

MCX SERIES

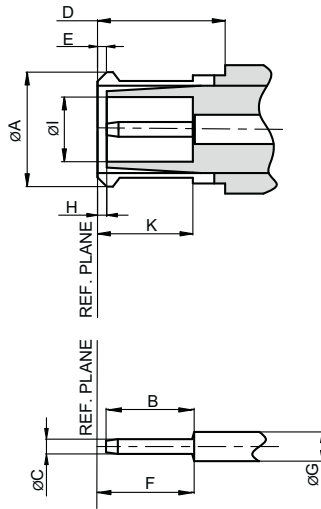
Microminiature Coaxial Connectors

FEATURES

MCX micro miniature connectors enable a space reduction compared to SMB connectors and can be used from DC to 6GHz. The main features include high reliability and durability as well as easy assembly to coaxial cables.

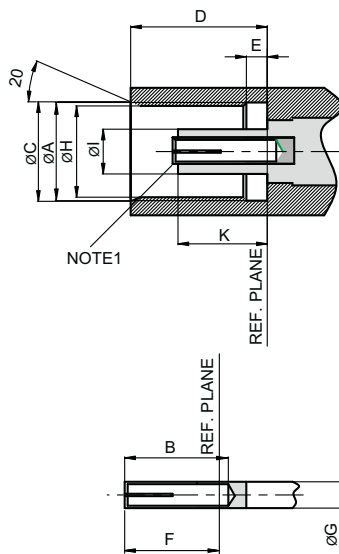
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (Inch)	
	Minimum	Maximum
A	3.72(.146)	3.8(.150)
B	2.49(.098)	2.59(.102)
C	0.48(.019)	0.53(.021)
D	4.15(.163)	—
E	0.00	0.31(.012)
F	2.80(.110)	3.20(.126)
G	0.95(.037)	0.95(.037)
H	—	0.30(.012)
I	2.00(.079)	2.07(.081)
K	2.80(.110)	3.20(.126)

JACK:



Letter	Millimeters (Inch)	
	Minimum	Maximum
A	3.60(.142)	3.70(.146)
B	2.80(.110)	—
C	3.75(.148)	3.85(.152)
D	4.00(.157)	4.12(.162)
E	0.75(.030)	0.85(.033)
F	2.30(.091)	2.80(.110)
G	0.95(.037)	0.95(.037)
H	3.42(.135)	3.48(.137)
I	1.80(.071)	1.98(.078)
K	2.60(.102)	2.80(.110)

NOTE:

1.ID TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.48/0.53mm DIAMETER PIN.

TECHNICAL DATA

Electrical Data		
Cable type:	RG178	RG174 RG188 RG223
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	750	1000
Working Voltage (at sea level, in V rms, 50 Hz)	≤250	≤335
Impedance	50Ω	
Frequency Range	DC up to 6 GHz	
Insulation Resistance	≥10000MΩ	
Contact Resistance Inner conductor	≤5mΩ	
Contact Resistance Outer conductor	≤1mΩ	

Mechanical Data	
Engagement Force	≤5.6 lbs
Disengagement Force	Between 1.8 lbs and 4.5 lbs
Contact Captivation	≥2.3 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-55°C...+155°C
Thermal Shock	MIL-STD-202, Method 107, Condition F
High Temperature Endurance Test	MIL-STD-202, Method 108A, Condition D
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101 Condition B

VSWR

	Frequency Range			Cable Type
	1GHz	3GHz	6GHz	
Typical VSWR for MCX Straight Connectors	1.12	1.25	1.35	RG55, RG142, RG223, RG400
	1.12	1.25	1.35	RG58
	1.15	1.3	1.35	RG174, RG188, RG316
	1.2	1.3	/	RG178, RG196
	1.15	1.22	1.3	Semi-rigid .085
Typical VSWR for MCX Right Angle Connectors	1.12	1.18	1.32	RG174, RG188, RG316
	1.2	1.3	/	RG178, RG196
	1.12	1.15	1.32	Semi-rigid .085
	1.12	1.2	1.32	Semi-rigid .141

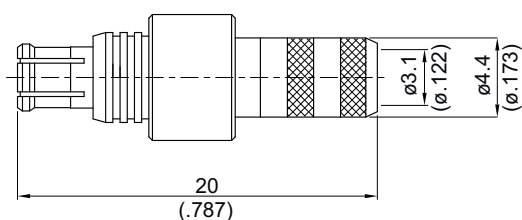


Figure 1

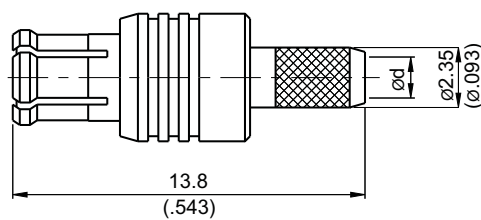


Figure 2

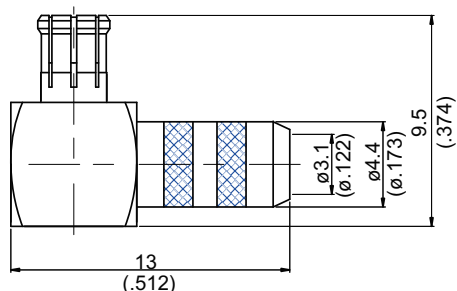


Figure 3

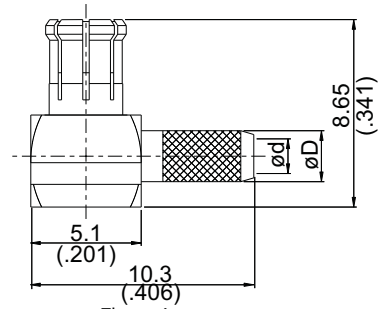


Figure 4

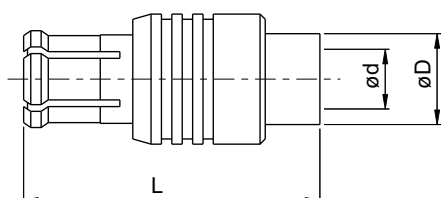


Figure 5

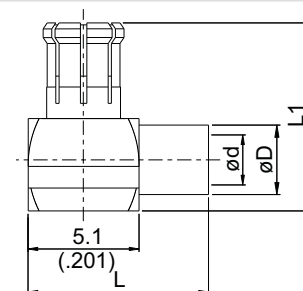


Figure 6

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
MCX PLUG CRIMP								
MCX3100-0058	1		58	A9	v*	v*	B7/B1	
MCX6100-0058	1		58	C9	v*	v*	B7/B1	Reverse Polarity Plug
MCX3100-0142	1		142	A9	v		B7	
MCX6100-0142	1		142	C9	v		B7	Reverse Polarity Plug
MCX3100-0223	1		223	A9	v*	v*	B8/B2	
MCX6100-0223	1		223	C9	v*	v*	B8/B2	Reverse Polarity Plug
MCX3100-0178	5	L=11.3(.445) ød=2.3(.091) øD=3(.118)	178	A9	v*	v*	A9/A3	
MCX6100-0178	5	L=11.3(.445) ød=2.3(.091) øD=3(.118)	178	C9		v	A3	Reverse Polarity Plug
MCX3100-0179	2	ød=1.65(.065)	179	A9	v		A17	75 Ω
MCX3100-0316	2	ød=1.6(.063)	316	A9	v*	v*	A17/A5	
MCX3100D-0316	2	ød=1.6(.063)	316D	A9	v*	v*	A17/A5	
MCX3100W-0316	2	ød=1.6(.063)	316	A10	v*	v*	A17/A5	Tin-Zinc-Copper-alloy Plating
MCX3100W-D0316	2	ød=1.6(.063)	316D	A10	v*	v*	A17/A5	Tin-Zinc-Copper-alloy Plating
MCX3100-L100	2	ød=1.7(.067)	100	A9	v*	v*	A17/A5	
MCX3100W-L100	2	ød=1.7(.067)	100	A10	v*	v*	A17/A5	Tin-Zinc-Copper-alloy Plating
MCX PLUG CRIMP RIGHT ANGLE								
MCX3100-9058	3		58	A9	v		B7	
MCX3100-9142	3		142	A9	v		B7	
MCX3100-9223	3		223	A9	v		B8	
MCX3100-9178	4	ød=1.0 (.039) øD=1.80 (.071)	178	A9	v		A10	
MCX3100-9179	4	ød=1.65 (.065) øD=2.35 (.093)	179	A9	v		A17	75Ω
MCX3100-9316	4	ød=1.6(.063) øD=2.35 (.093)	316	A9	v		A17	
MCX3100D-9316	4	ød=1.6(.063) øD=2.35 (.093)	316D	A9	v		A17	
MCX3100-9L100	4	ød=1.7(.067) øD=2.35 (.093)	100	A9	v		A17	
MCX PLUG SOLDER								
MCX3300-0047	5	L=11.4(.449) ød=1.25(.049) øD=2.3(.091)	.047	A9	v			
MCX3300-0085	5	L=11.4(.449) ød=2.3(.091) øD=3.5(.138)	.085	A9	v			
MCX3375-0085	5	L=11.4(.449) ød=2.3(.091) øD=3.5(.138)	.085J	A9	v			75Ω
MCX3300-0141	5	L=14.2(.559) ød=3.65(.144) øD=4.8(.189)	.141	A9	v			
MCX3300-S405	5	L=11.4(.449) ød=2.35(.093) øD=3.5(.138)	5002	A9	v			
MCX PLUG SOLDER RIGHT ANGLE								
MCX3300-9035	6	ød=1.00(.039) øD=2.00(.079) L=8.3 (.327) L1=8.65(.341)	.035	A9	v			
MCX3300-9047	6	ød=1.30(.051) øD=2.20(.087) L=8.3 (.327) L1=8.65(.341)	.047	A9	v			
MCX3300-9085	6	ød=2.30(.091) øD=3.20(.126) L=7.3 (.287) L1=8.65(.341)	.085	A9	v			
MCX3375-9085	6	ød=2.30(.091) øD=3.20(.126) L=7.3 (.287) L1=8.65(.341)	.085J	A9	v			75Ω
MCX3300-9141	6	ød=3.65(.144) øD=4.56(.180) L=8.3 (.327) L1=9.50(.374)	.141	A9	v			

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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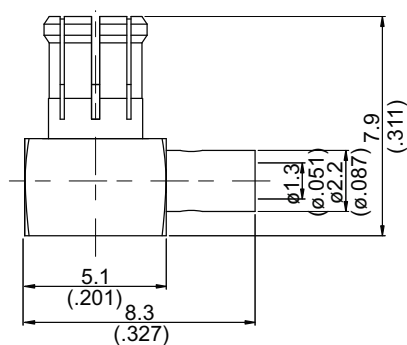


Figure 1

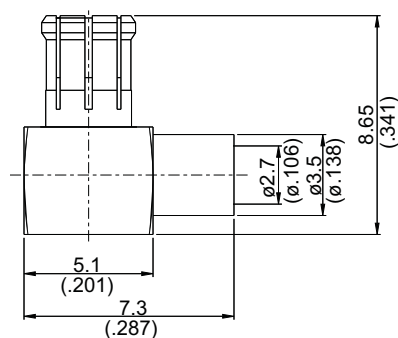


Figure 2

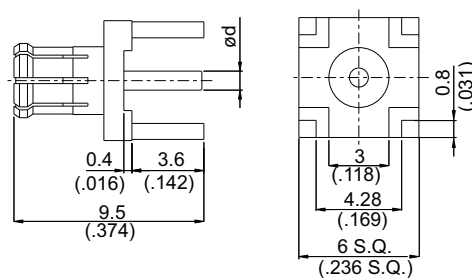


Figure 3

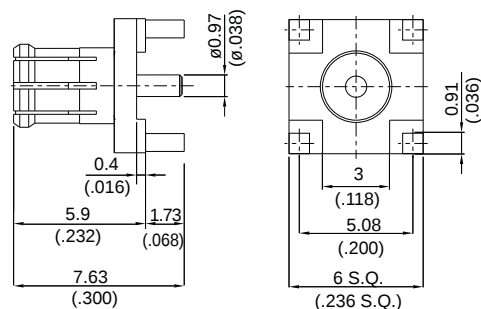


Figure 4

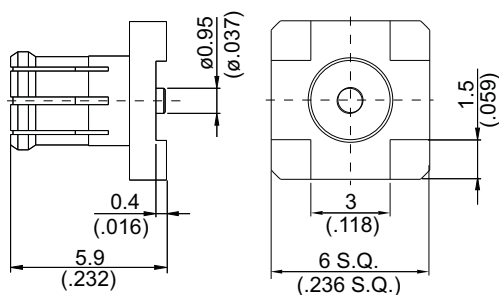


Figure 5

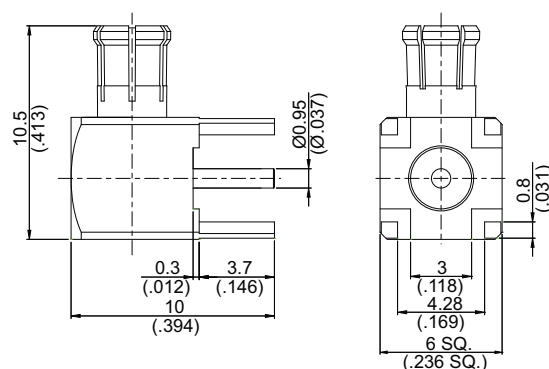
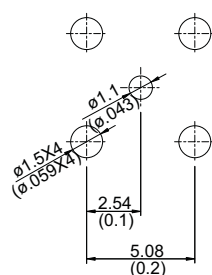
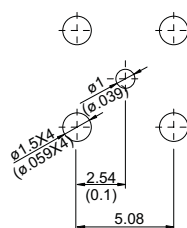


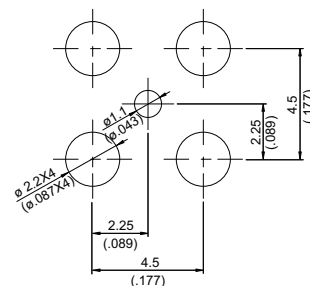
Figure 6



M.H 95



M.H 47



M.H 96

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
MCX PLUG SOLDER RIGHT ANGLE								
MCX33RE-9047	1			.047	A9	v		Shorter Version of MCX3300-9047
MCX3300-9L120	2			LL120	A9	v		
MCX PLUG P.C.B MOUNT								
MCX3400-0000	3	ød=0.95 (.037)	95		A9			75Ω
MCX3475-0000	3	ød=0.85 (.033)	47		A9			
MCX3401-0000	4		95		A9			
MCX PLUG FOR P.C.B SURFACE MOUNT								
MCX3410-0000	5		96		A9			
MCX PLUG P.C.B MOUNT RIGHT ANGLE								
MCX3400-9000	6		95		A9			75Ω
MCX3475-9000	6		95		A9			

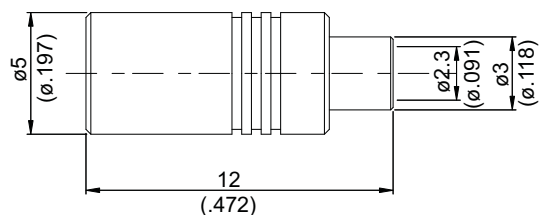


Figure 1

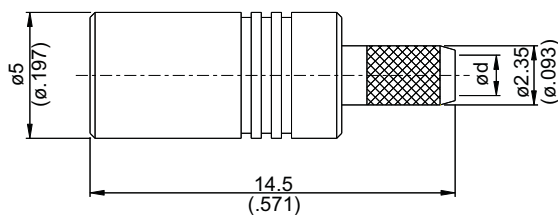


Figure 2

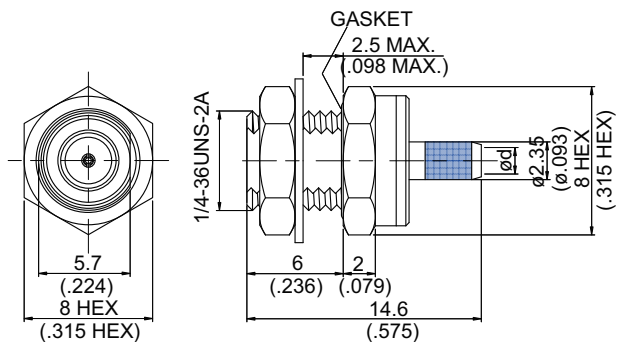


Figure 3

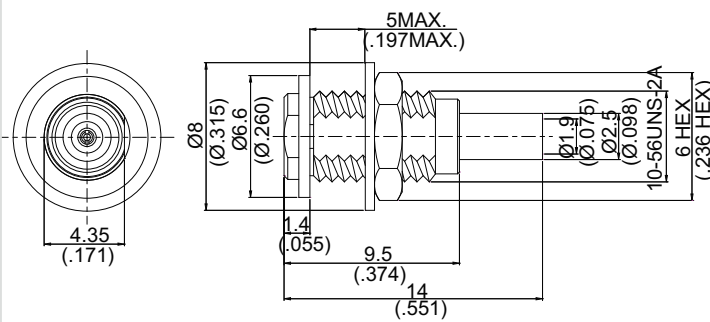


Figure 4

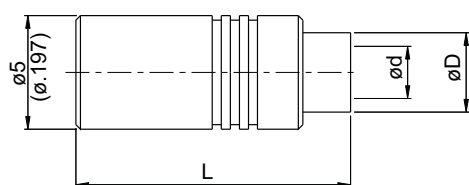


Figure 5

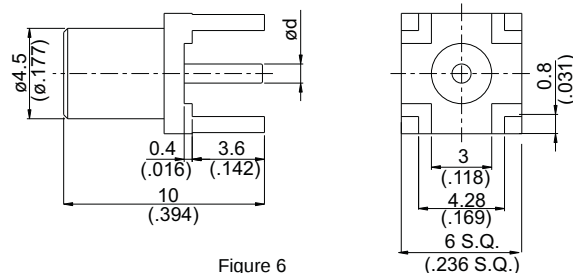
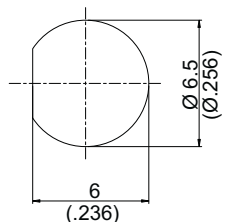
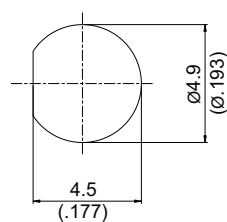


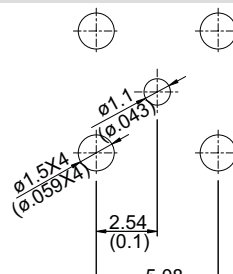
Figure 6



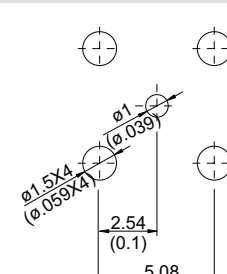
M.H 2



M.H 1



M.H 95



M.H 47

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
MCX JACK CRIMP									
MCX8100-0178	1			178	C1		v	A3	75Ω
MCX8100-0179	2	ød=1.65 (.065)		179	C1	v*	v*	A17/A5	
MCX8100-0316	2	ød=1.6 (.063)		316	C1		v	A5	
MCX8100D-0316	2	ød=1.6 (.063)		316D	C1		v	A5	
MCX8100-L100	2	ød=1.7 (.067)		100	C1		v	A5	
MCX JACK CRIMP FOR BULKHEAD									
MCX8105-0179	3	ød=1.65(.065)	2	179	C1	v		A17	75Ω
MCX8105-0316	3	ød=1.6 (.063)	2	316	C1	v		A17	
MCX8105D-0316	3	ød=1.6 (.063)	2	316D	C1	v		A17	
MCX8105-L100	3	ød=1.7 (.067)	2	100	C1	v		A17	
MCX JACK SOLDER FOR BULKHEAD									
MCX8305A-0178	4		1	178	C1		v	A12	
MCX JACK SOLDER									
MCX8300-0047	5	ød=1.25 (.049) øD=2.3 (.091) L=12.1(.476)		.047	C1		v	A12	
MCX8300-0085	5	ød=2.30 (.091) øD=3.5 (.138) L=12.1(.476)		.085	C1		v	A12	
MCX8300-0141	5	ød=3.65 (.144) øD=4.8 (.189) L=14.9(.587)		.141	C1	v			
MCX JACK P.C.B MOUNT									
MCX8400-0000	6	ød=0.95 (.037)	95		C1				
MCX8400-0000BE	6	ød=0.95 (.037)	95		B1				Beryllium Copper Pin
MCX8475-0000	6	ød=0.83 (.033)	47		C1				75Ω

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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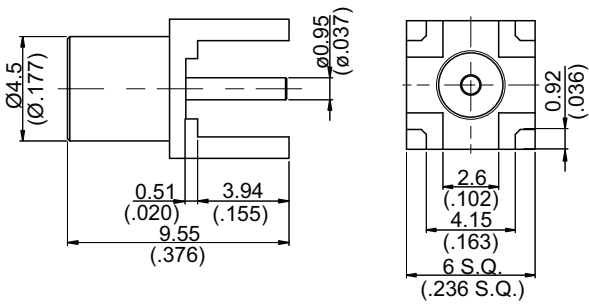


Figure 1

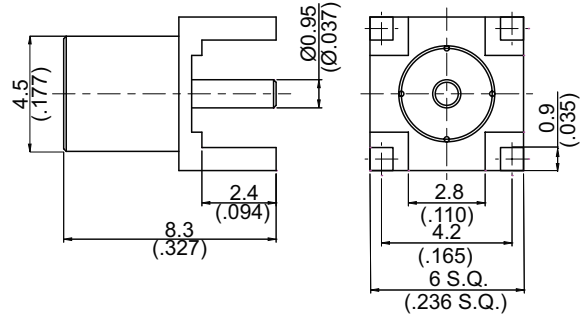


Figure 2

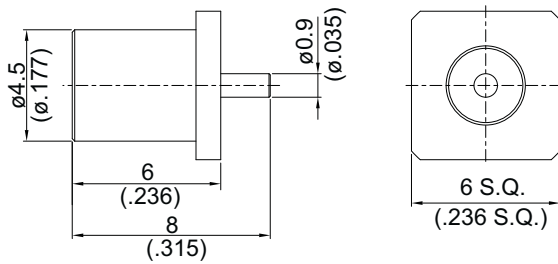


Figure 3

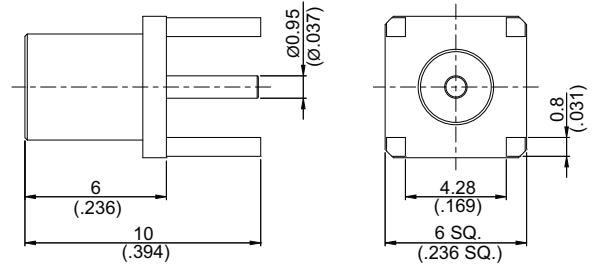


Figure 4

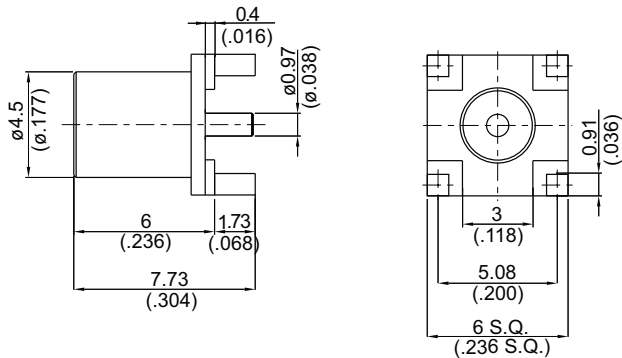


Figure 5

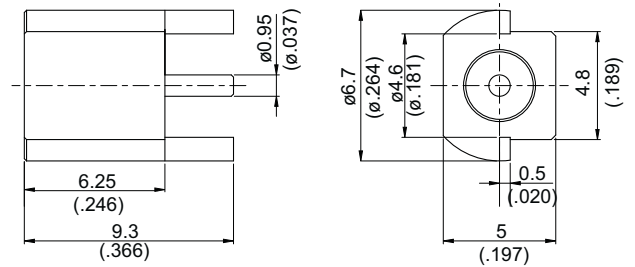


Figure 6

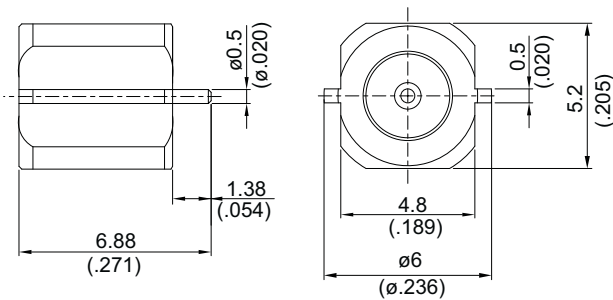
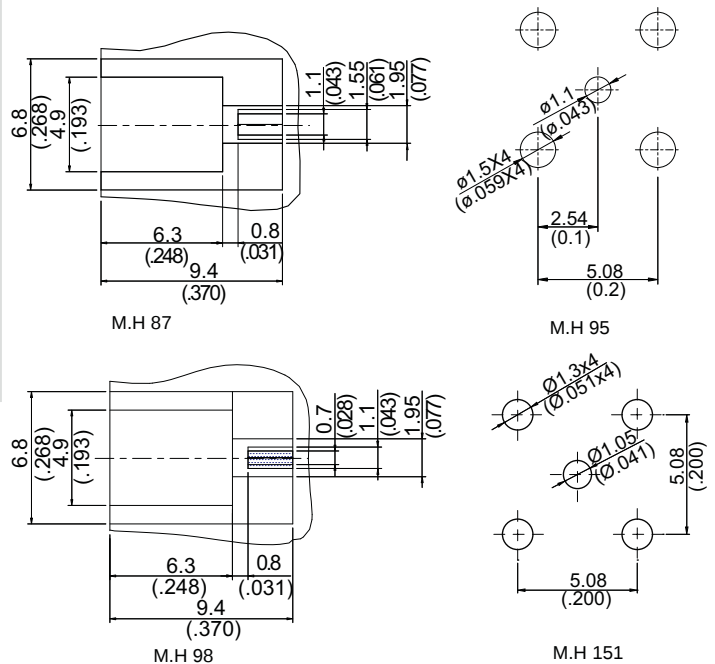


Figure 7



M.H 87

M.H 95

M.H 98

M.H 151

PART NUMBER	Fig.	M.H	Material
MCX JACK P.C.B MOUNT			
MCX84RE-0000	1	95	B1
MCX84RE1-0000	2	151	B1
MCX84TM-0000	3		C1
MCX8402-0000	4	95	C1
MCX8403-0000	5	95	C1
MCX JACK P.C.B EDGE MOUNT			
MCX8400A-0000	6	87	C1
MCX8400P-0000	7	98	C1

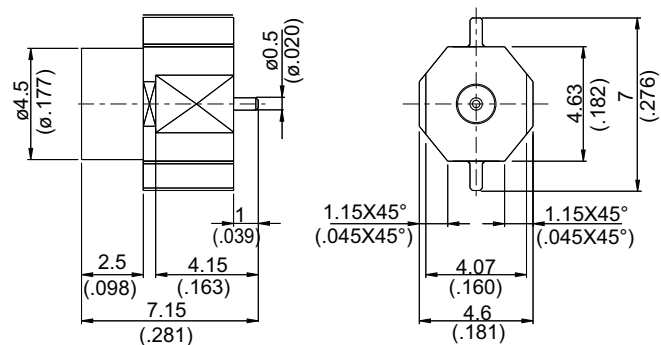


Figure 1

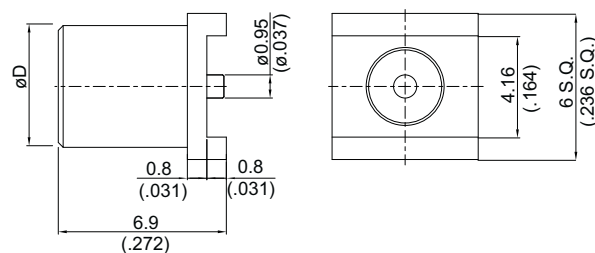


Figure 2

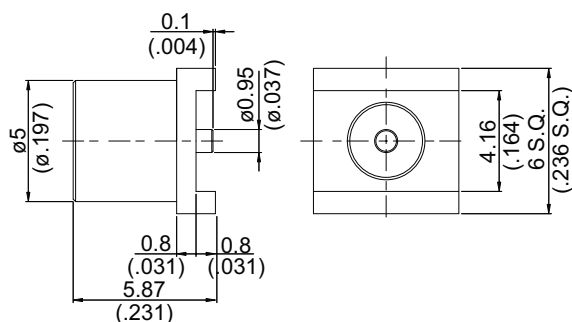


Figure 3

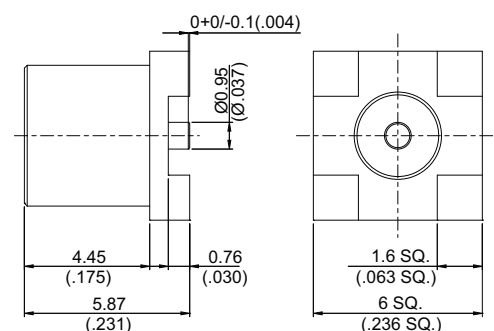


Figure 4

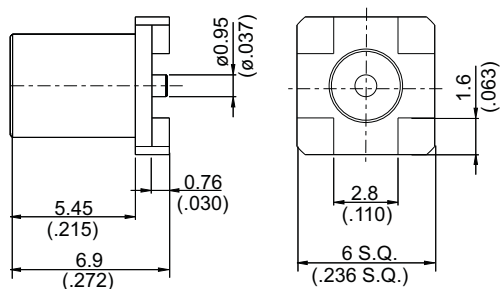


Figure 5

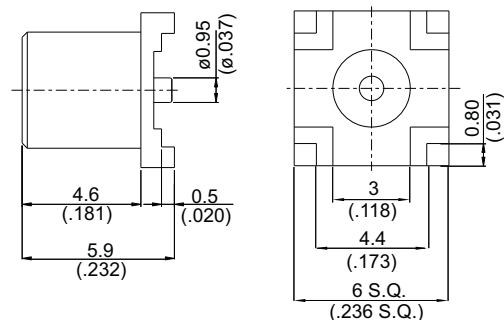
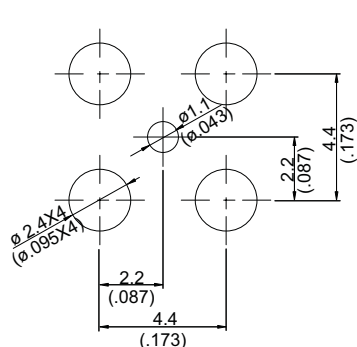
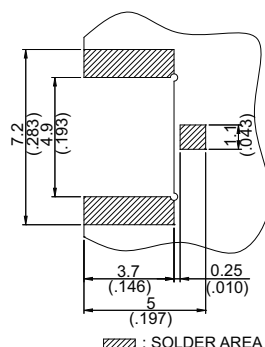


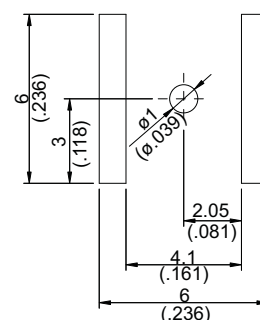
Figure 6



M.H 96A

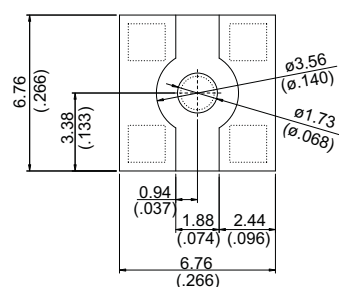


M.H 106A



M.H 53

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
MCX JACK P.C.B EDGE MOUNT					
MCX84SD-0000	1		106A	C1	
MCX JACK P.C.B SURFACE MOUNT					
MCX8401-0000	2	øD=4.5 (.177)	53	C1	Mylar Cap ; Tape & Reel Packaged
MCX8400-0001	2	øD=5.0 (.197)	53	C1	Tape & Reel Packaged
MCX8400-0003	2	øD=5.0 (.197)	53	C1	Mylar Cap ; Tape & Reel Packaged
MCX8400-0002	3		53	C1	Mylar Cap ; Tape & Reel Packaged
MCX8400-0004	4		96A		
MCX8404-0000	5		62	C1	
MCX8410-0000	6		53	C1	



M.H 62

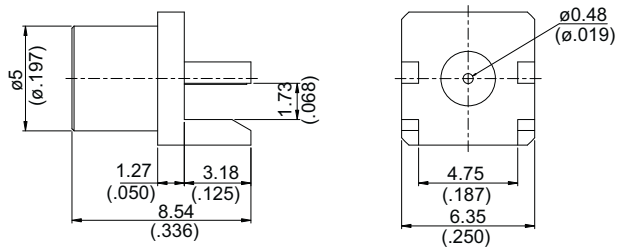


Figure 1

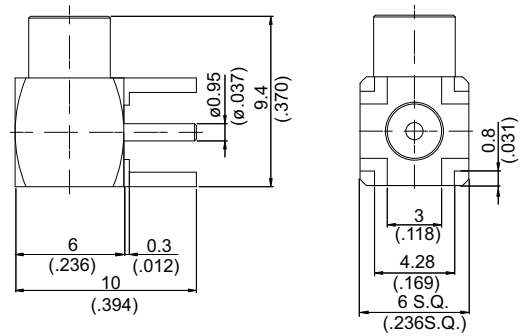


Figure 2

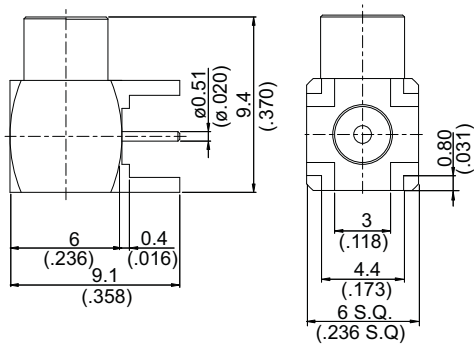


Figure 3

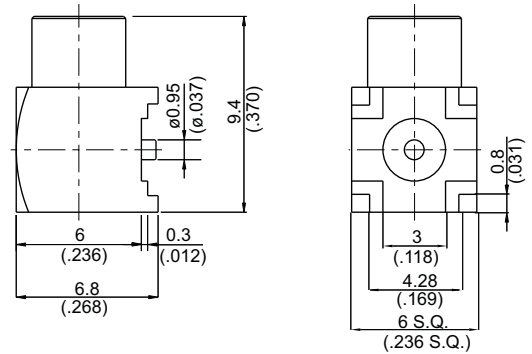


Figure 4

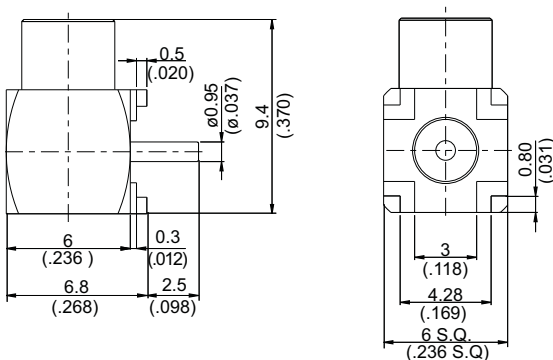


Figure 5

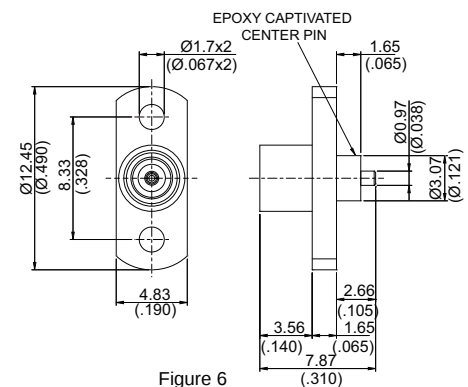
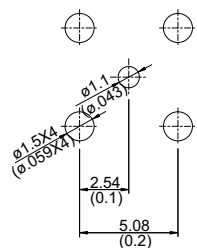
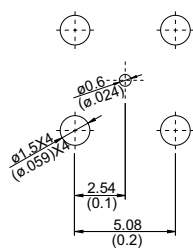


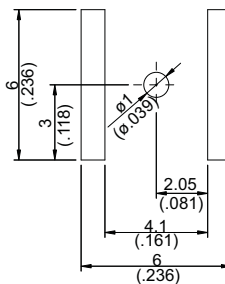
Figure 6



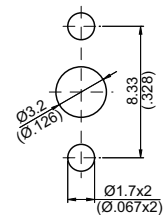
M.H 95



M.H 78



M.H 53



M.H 147

PART NUMBER	Fig.	M.H	Material	Remarks
MCX JACK P.C.B MOUNT END LAUNCH				
MCX8401A-0000	1		C1	
MCX8475A-0000	1		C1	75Ω
MCX JACK P.C.B MOUNT RIGHT ANGLE				
MCX8400-9000	2	95	C1	
MCX8400-9000BE	2	95	B1	
MCX8475-9000	2	95	C1	75Ω
MCX8475A-9000	3	78	C1	75Ω
MCX JACK P.C.B SURFACE MOUNT RIGHT ANGLE				
MCX8410-9000	4	53	C1	
MCX8410A-9000	5	53	C1	
MCX JACK FOR PANEL RECEPTACLE				
MCX8620-0000	6	147	B1	

MMJX SERIES

Miniature Coaxial Connectors

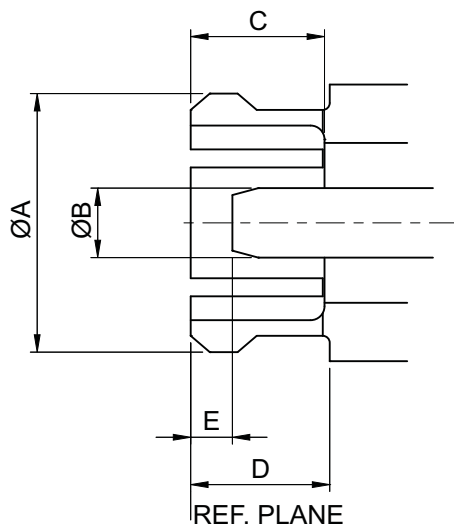
MMJX

FEATURES

Jyebao developed MMJX connector series as a low cost solution for board to board applications which require a minimum of space.

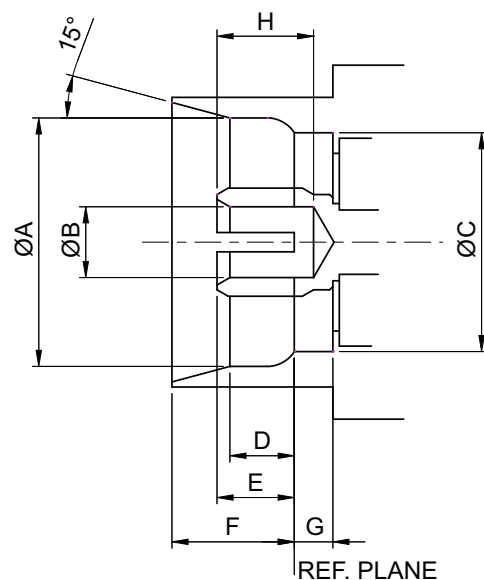
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
ØA	3.90(.153)	3.94(.155)
ØB	0.99(.039)	1.02(.040)
C	1.91(.075)	1.93(.076)
D	1.98(.078)	---
E	0.56(.022)	0.64(.025)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	3.84(.151)	3.86(.152)
B	1.09(.043)	1.12(.044)
C	3.38(.133)	3.41(.134)
D	0.94(.037)	1.04(.041)
E	1.20(.047)	1.30(.051)
F	1.91(.075)	1.93(.076)
G	0.56(.022)	0.64(.025)
H	1.50(.059)	---



TECHNICAL DATA

Electrical Data	Cable Connectors	PCB Connectors
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	750	1000
Working Voltage (at sea level, in V rms, 50Hz)	250	330
Impedance	50 ohm	50 ohm
Frequency Range	DC up to 6GHz	DC up to 10GHz
Insulation Resistance	≥1G ohm	≥1G ohm
Contact Resistance Inner Conductor	≤5m ohm	≤5m ohm
Contact Resistance Outer Conductor	≤1m ohm	≤1m ohm
Typical Return loss	depends on cable	26dB up to 2.5GHz; 21dB up to 10GHz

Mechanical Data	Cable Connectors	PCB Connectors
Engagement Force	≤6.7lbs	≤3.4lbs
Disengagement Force	1.8 - 6.7lbs	≤3.4lbs
Contact Captivation	≥2.3lbs	≥2.3lbs
Durability (matings)	100	100

Environmental Data	
Temperature Range	minus 55°C...plus155°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

MMJX APPLICATION INSTRUCTION FOR PCB DISTANCES

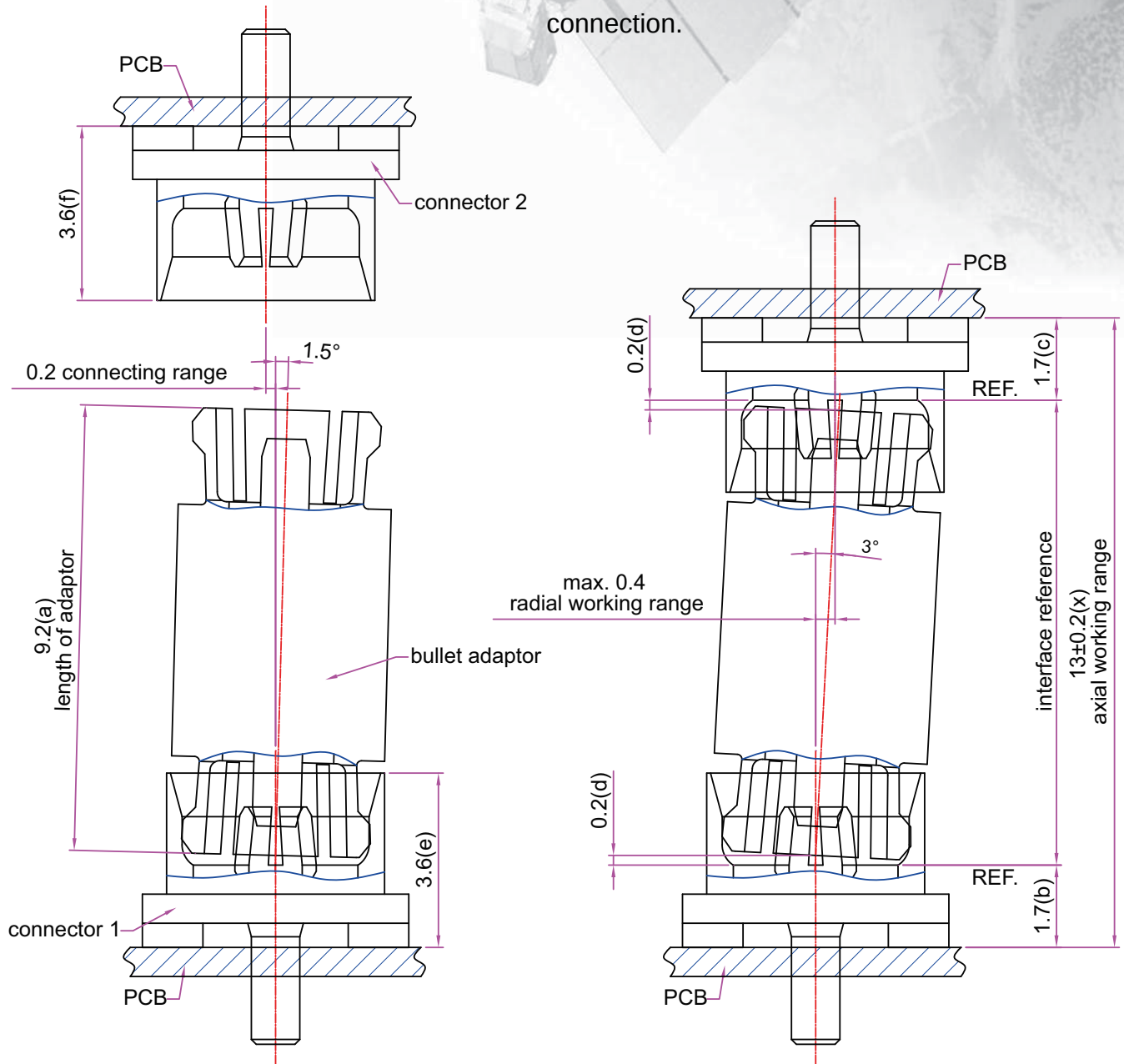
THE BOARD TO BOARD DISTANCE FOR TWO MMJX BOARD CONNECTORS PLUS AN MMJX BULLET ADAPTOR CAN BE CALCULATED AS FOLLOWS

CONNECTING RANGE

The connecting range is the maximum misalignment which allows a trouble-free connection with the counter PCB.

RADIAL AND AXIAL WORKING RANGE

The radial and axial working range is the maximum misalignment that allows a sufficient electrical and mechanical connection.



FORMULA

distance $x = a + b + c + (2 \cdot d)$

min. distance $x = e + f + 0.9\text{mm}$

adaptor length $a = x - b - c - (2 \cdot d)$

VARIABLES

x = board to board distance

a = adaptor length

b = interface reference connector 1

c = interface reference connector 2

d = gap for adaptor movement

e = height connector 1

f = height connector 2

Example:(using connector1&2 MMJX8402-0000 plus adaptor AD-MJ3MJ3)

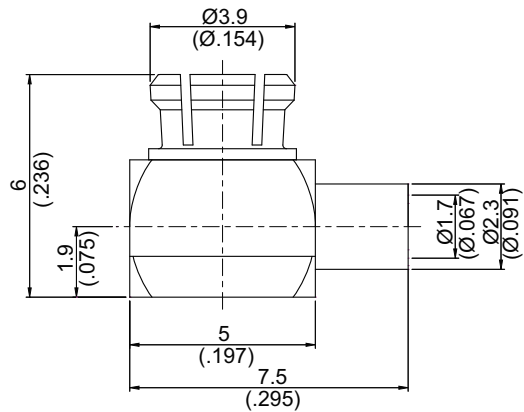


Figure 1

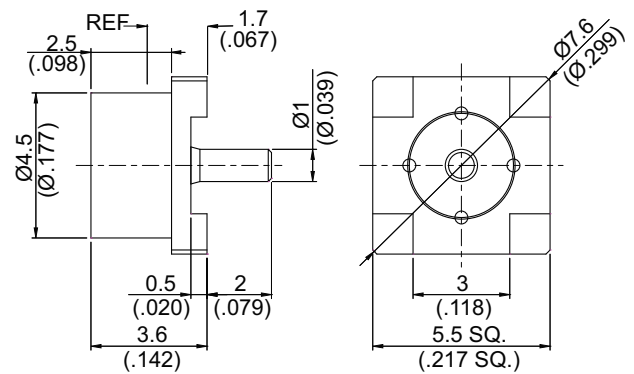


Figure 2

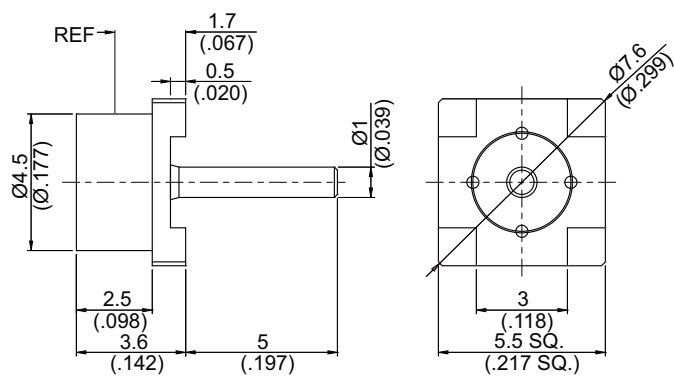
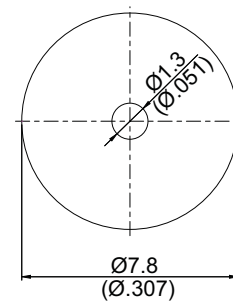


Figure 3



M.H 160

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
MMJX PLUG SOLDER RIGHT ANGLE							
MMJX3300-9047	1		.047	A1	v		
MMJX JACK P.C.B MOUNT							
MMJX8402-0000	2	160		B1			
MMJX8403-0000	3	160		B1			

BNC SERIES

Miniature Coaxial Connectors

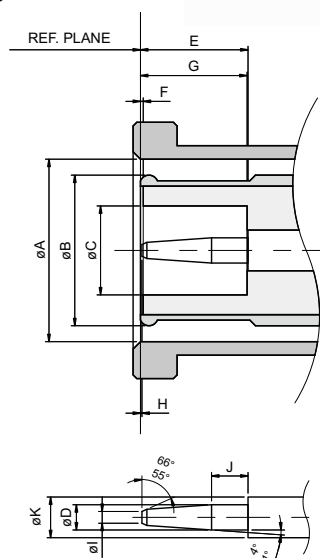
FEATURES

The BNC series coaxial connector, a medium sized coaxial connector with bayonet lock, has found its way into the lower microwave frequency applications.

50 Ω impedance for applications up to 4GHz and 75 Ω impedance for up to 1GHz. All 75 Ω BNC and 50 Ω BNC connectors are intermatable without restrictions possessing good performance, strength and reliability.

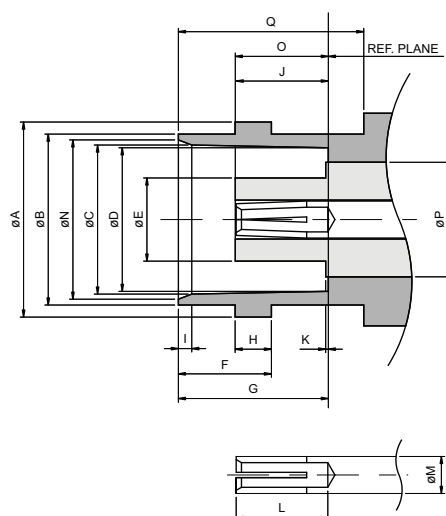
50 Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	9.78 (.385)	9.91 (.390)
B	----	8.18 (.322)
C	4.83 (.190)	----
D	1.32 (.052)	1.37 (.054)
E	5.33 (.210)	5.84 (.230)
F	0.15 (.006)	----
G	5.28 (.208)	5.79 (.228)
H	0.08 (.003)	----
I	----	0.64 (.025)
J	1.98 (.078)	----
K	2.06 (.081)	2.21 (.087)

JACK:



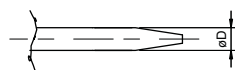
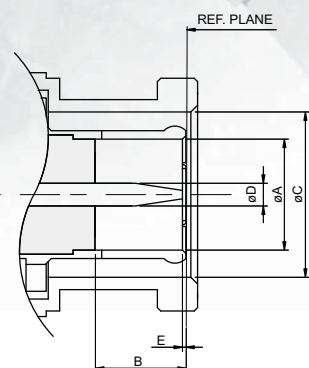
Letter	Millimeters (inch)	
	Minimum	Maximum
A	10.97 (.432)	11.07 (.436)
B	9.60 (.378)	9.70 (.382)
C	8.31 (.327)	8.46 (.333)
D	8.10 (.319)	8.15 (.321)
E	----	4.72 (.186)
F	5.18 (.204)	5.28 (.208)
G	8.31 (.327)	8.51 (.335)
H	1.91 (.075)	2.06 (.081)
I	0.38 (.015)	0.76 (.030)
J	4.72 (.186)	5.23 (.206)
K	----	0.15 (.006)
L	4.95 (.195)	----
M	2.06 (.081)	2.21 (.087)
N	8.79 (.346)	9.04 (.356)
O	4.78 (.188)	5.28 (.208)
P	----	6.50 (.256)
Q	10.52 (.414)	----

NOTES

1. ID TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 1.34±.02mm DIA PIN.
2. JYEBAO BNC CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD 348A

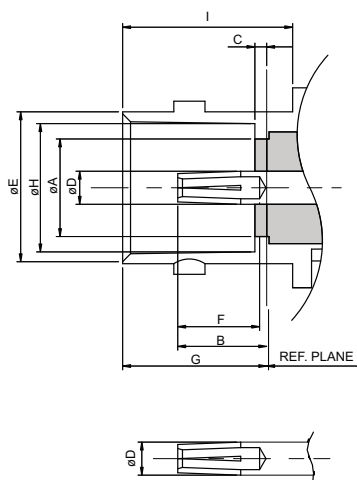
75Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.83 (.190)	4.97 (.196)
B	5.28 (.208)	5.79 (.228)
C	9.78 (.385)	9.91 (.390)
D	1.32 (.052)	1.37 (.054)
E	0.08 (.003)	1.02 (.040)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	---	4.72 (.186)
B	4.72 (.186)	5.23 (.206)
C	1.50 (.059)	
D	2.10 (.827)	
E	9.60 (.378)	9.70 (.382)
F	4.95 (.195)	---
G	8.35 (.328)	8.48 (.334)
H	8.10 (.319)	8.15 (.321)
I	10.60 (.417)	---

TECHNICAL DATA

Electrical Data	50Ω	75Ω
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1500	
Working Voltage (at sea level, in V rms, 50Hz)	≤500	
Impedance	50 Ω	75Ω
Frequency Range	DC up to 4 GHz	DC up to 1 GHz
Insulation Resistance	≥5000MΩ	
Contact Resistance Inner Conductor	≤1.5mΩ	
Contact Resistance Outer Conductor	≤1mΩ	

Mechanical Data (50Ω & 75Ω)	
Coupling Nut Torque	0.6 to 2.5 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.1 lbs
Durability (matings)	≥500

Environmental Data (50Ω & 75Ω)	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

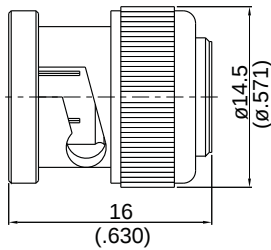


Figure 1

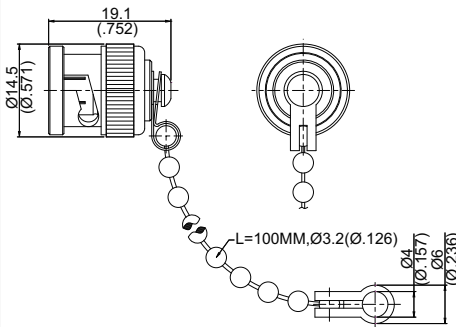


Figure 2

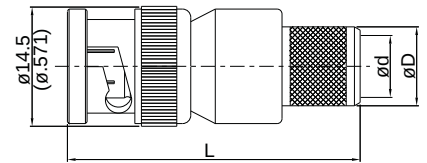


Figure 3

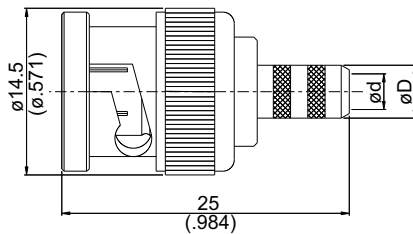


Figure 4

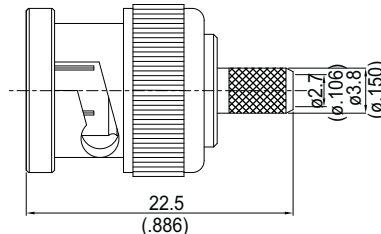


Figure 5

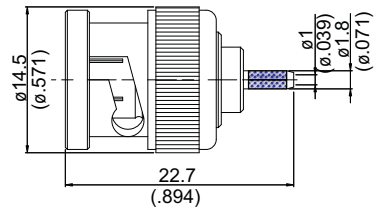


Figure 6

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
BNC PLUG SHORT END									
BNC3000-0000	1			A11					
BNC3080-0000	2			A11					With Chain
BNC PLUG CRIMP									
BNC3100-0011	3	L=35.6(1.402) ød=7.5 (.295) øD=9.6 (.378)	11	A11	v*	v*		C7/C5	75 Ω
BNC3100-R011	3	L=35.6(1.402) ød=7.5 (.295) øD=9.6 (.378)	11	A11		v		C2	75 Ω
BNC3100-0213	3	L=35.6(1.402) ød=7.5 (.295) øD=9.6 (.378)	213	A11	v*	v*		C7/C5	
BNC3100-08DF	3	L=35.6(1.402) ød=8.1 (.319) øD=10.0 (.394)	8DFD	A11	v*	v*		C7/C5	
BNC31EZ-L400	3	L=32.4(1.276) ød=7.5 (.295) øD=9.6 (.378)	400	C11			v	C7	
BNC61EZ-L400	3	L=32.4(1.276) ød=7.5 (.295) øD=9.6 (.378)	400	C11			v	C7	Reverse Polarity Plug
BNC3100-0006	4	ød=5.1 (.201) øD=6.6 (.260)	6	A11	v*	v*		D4/D2	75 Ω
BNC3100-0058	4	ød=3.1 (.122) øD=4.4 (.173)	58	A11	v*	v*		B7/B3	
BNC6100-0058	4	ød=3.1 (.122) øD=4.4 (.173)	58	C11	v*	v*		B7/B3	Reverse Polarity Plug
BNC3100-0059	4	ød=3.9 (.154) øD=5.6 (.220)	59	A11	v*	v*		E4/E1	75 Ω
BNC3100-0142	4	ød=3.1 (.122) øD=4.4 (.173)	142	A11	v*	v*		B7/B3	
BNC6100-0142	4	ød=3.1 (.122) øD=4.4 (.173)	142	C11	v*	v*		B7/B3	Reverse Polarity Plug
BNC3100-0223	4	ød=3.1 (.122) øD=4.4 (.173)	223	A11	v*	v*		B8/B4	
BNC6100-0223	4	ød=3.1 (.122) øD=4.4 (.173)	223	C11	v*	v*		B8/B4	Reverse Polarity Plug
BNC3100-03C2	4	ød=3.3 (.130) øD=5.6 (.220)	3C2W	A11	v*	v*		E5/E2	75 Ω
BNC3100-03C2V	4	ød=3.3 (.130) øD=5.6 (.220)	3C2V	A11	v*	v*		E4/E1	75 Ω
BNC3100-05C2V	4	ød=5.1 (.201) øD=6.6 (.260)	5C2V	A11	v*	v*		D4/D2	75 Ω
BNC3100-L200	4	ød=3.1 (.122) øD=4.4 (.173)	200	A11	v*	v*		B7/B3	
BNC6100-L200	4	ød=3.1 (.122) øD=4.4 (.173)	200	C11	v*	v*		B7/B3	Reverse Polarity Plug
BNC3100-L240	4	ød=3.9 (.154) øD=5.6 (.220)	240	A11	v*	v*		E4/E1	
BNC6100-L240	4	ød=3.9 (.154) øD=5.6 (.220)	240	C11	v*	v*		E4/E1	Reverse Polarity Plug
BNC3100-02.5C2	5		2.5C2W	A11	v*	v*		D5/D1	
BNC3100-0122	5		122	A11	v*	v*		D5/D1	
BNC3100-0178	6		178	A11		v		A4	

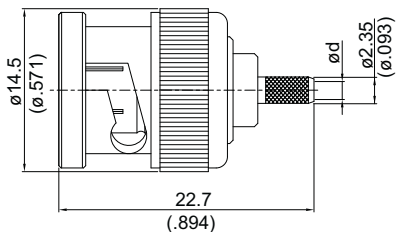


Figure 1

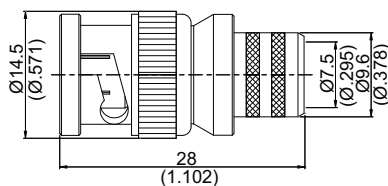


Figure 2

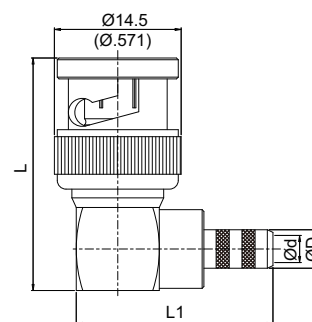


Figure 3

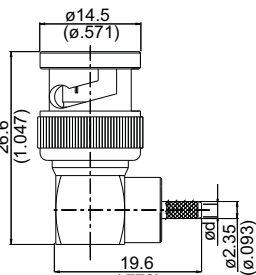


Figure 4

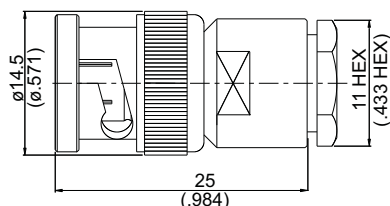


Figure 5

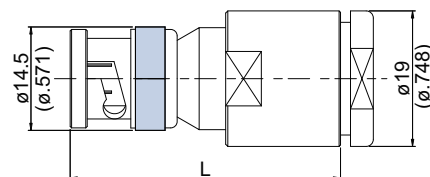


Figure 6

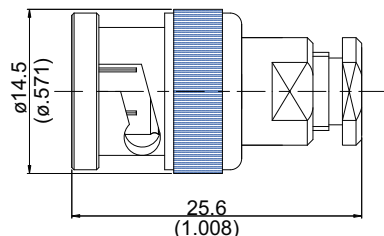


Figure 7

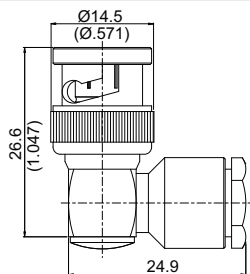


Figure 8

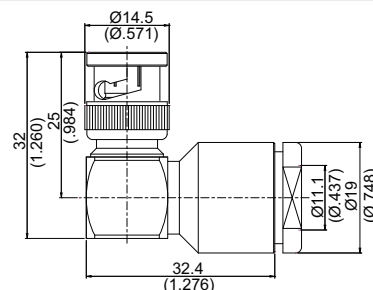


Figure 9

BNC

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry Solder	Pin Entry Crimp	Crimp Insert	Remarks
BNC PLUG CRIMP								
BNC3100-0179	1	Ød=1.65(.065)	179	A11	v*	v*	A17/A5	75 Ω
BNC31ND-0179	1	Ød=1.65(.065)	179	A11	v*	v*	A17/A5	Insulator is Delrin; 75 Ω
BNC3100-0316	1	Ød=1.6(.063)	316	A11		v	A5	Reverse Polarity Plug
BNC6100-0316	1	Ød=1.6(.063)	316	C11		v	A5	Reverse Polarity Plug
BNC31ND-0316	1	Ød=1.6(.063)	316	A11		v	A5	Insulator is Delrin
BNC3100D-0316	1	Ød=1.6(.063)	316D	A11		v	A5	Insulator is Delrin
BNC31ND-D0316	1	Ød=1.6(.063)	316D	A11		v	A5	Insulator is Delrin
BNC3100-L100	1	Ød=1.7(.067)	100	A11		v	A5	Reverse Polarity Plug
BNC6100-L100	1	Ød=1.7(.067)	100	C11		v	A5	Reverse Polarity Plug
BNC3100-L400	2		400	A11	v		C7	Reverse Polarity Plug
BNC6100-L400	2		400	C11	v*	v*	C7/C5	Reverse Polarity Plug
BNC PLUG CRIMP RIGHT ANGLE								
BNC3100-9058	3	Ød=3.1 (.122) ØD=4.4 (.173) L=26.6 (1.047) L1=22.5(.886)	58	A11	v		B7	
BNC3100-9059	3	Ød=3.9 (.154) ØD=5.6 (.220) L=26.6 (1.047) L1=22.5(.886)	59	A11	v		E4	75 Ω
BNC3100-9059/HDPE	3	Ød=3.9 (.154) ØD=5.6 (.220) L=26.6 (1.047) L1=22.5(.886)	59	A11	v		E4	75 Ω;High Density Polyethylene Insulator
BNC3100-9142	3	Ød=3.1 (.122) ØD=4.4 (.173) L=26.6 (1.047) L1=22.5(.886)	142	A11	v		B7	
BNC3100-9223	3	Ød=3.1 (.122) ØD=4.4 (.173) L=27.3 (1.075) L1=21.8(.858)	223	A11	v		B8	
BNC3100-93C2	3	Ød=3.3 (.130) ØD=5.6 (.220) L=26.6 (1.047) L1=22.5(.886)	3C2W	A11	v		E5	75 Ω
BNC3100-9L240	3	Ød=3.9 (.154) ØD=5.6 (.220) L=26.6 (1.047) L1=22.5(.886)	240	A11	v		E4	
BNC6100-9L240	3	Ød=3.9 (.154) ØD=5.6 (.220) L=26.6 (1.047) L1=22.5(.886)	240	C11	v		E4	Reverse Polarity Plug
BNC3100-9179	4	Ød=1.65(.065)	179	A11	v		A17	75 Ω
BNC3100-9316	4	Ød=1.6(.063)	316	A11	v		A17	
BNC3100D-9316	4	Ød=1.6(.063)	316D	A11	v		A17	
BNC3100-9L100	4	Ød=1.7(.067)	100	A11	v		A17	
BNC PLUG CLAMP								
BNC3200B-0058	5		58&142	A11	v*	v*	A14	
BNC3200B-0059	5		59	A11	v*	v*	A14	75 Ω
BNC3200-0011	6	L=37.9(1.492)	11	A11	v*	v*	C8	75 Ω
BNC3200-0213	6	L=38.0(1.496)	213	A11	v*	v*	C8	
BNC3200-0214	6	L=37.9(1.492)	214	A11	v*	v*	C8	
BNC3200-010C2	6	L=37.9(1.492)	10C2W	A11	v			75 Ω
BNC3200-0316	7		316	A11	v*	v*	A14	
BNC3200D-0316	7		316D	A11	v*	v*	A14	
BNC PLUG CLAMP RIGHT ANGLE								
BNC3200B-9058	8		58&142	A11	v			
BNC3200B-9059	8		59	A11	v			75 Ω
BNC3200B-9214	9		214	A11	v			

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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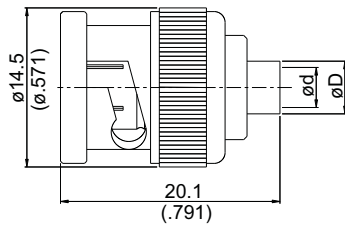


Figure 1

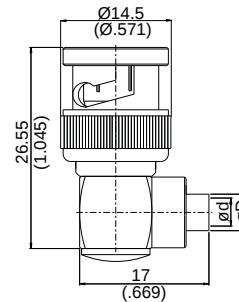


Figure 2

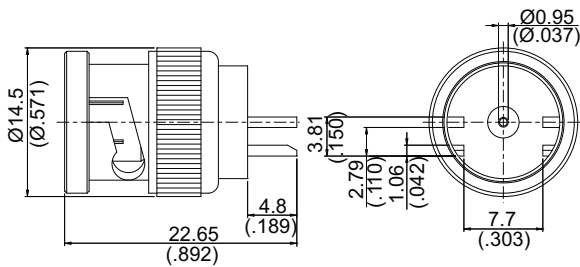


Figure 3

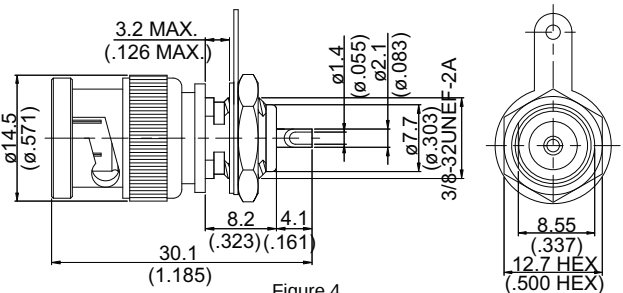


Figure 4

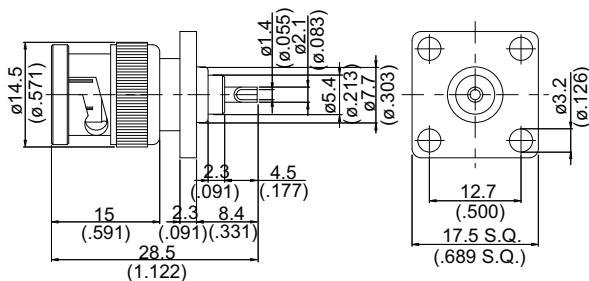


Figure 5

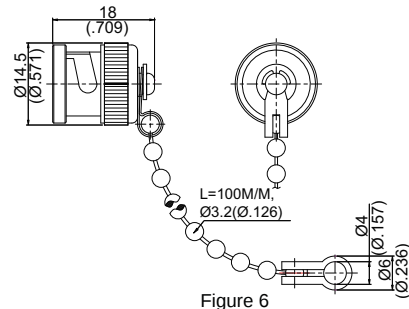


Figure 6

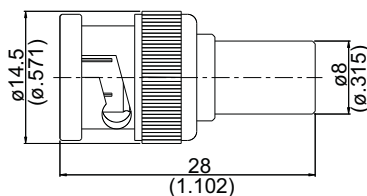
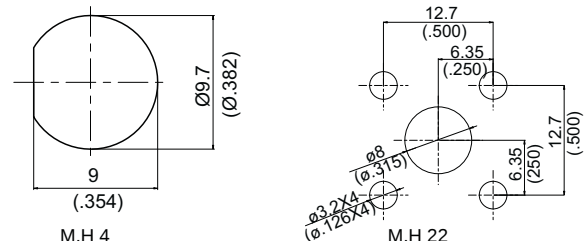


Figure 7



M.H 4

M.H 22

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
BNC PLUG SOLDER								
BNC3300-0085	1	ød=2.30 (.091) øD=4.0 (.157)		.085	A11	v		Reverse Polarity Plug
BNC6300-0085	1	ød=2.30 (.091) øD=4.0 (.157)		.085	C11	v		
BNC3300-0141	1	ød=3.65 (.144) øD=5.0 (.197)		.141	A11	v		
BNC PLUG SOLDER RIGHT ANGLE								
BNC3300-9085	2	ød=2.30 (.091) øD=4.0 (.157)		.085	A11	v		Reverse Polarity Plug
BNC6300-9085	2	ød=2.30 (.091) øD=4.0 (.157)		.085	C11	v		
BNC3300-9141	2	ød=3.65 (.144) øD=4.8 (.189)		.141	A11	v		
BNC PLUG P.C.B MOUNT								
BNC3401D-0000	3				A11			75 Ω
BNC3401D-0075	3				A11			
BNC PLUG FOR BULKHEAD								
BNC3500-0000	4		4		A11			75 Ω
BNC3575-0000	4		4		A11			
BNC PLUG FOR PANEL RECEPTACLE								
BNC364A-0000	5		22		A11			75 Ω
BNC364A-0075	5		22		A11			
BNC PLUG CAP								
BNC3800-0000	6				2			Black Chromium Surface Treatment
BNC3800-0000-BL	6				Brass Body, Plating Black Chromium			
BNC3802-0000	6				2			
BNC3802-0000-BL	6				Brass Body, Plating Black Chromium			Black Chromium Surface Treatment; Waterproof(IP68)
BNC PLUG TERMINATOR								
BNC3900-0002	7				A11			2W Average Power; VSWR≤1.2 up to 2GHz
BNC3900-0006	7				A11			2W Average Power; VSWR≤1.2 up to 4GHz
BNC3975-0002	7				A11			2W Average Power; VSWR≤1.2 up to 2GHz; 75 Ω

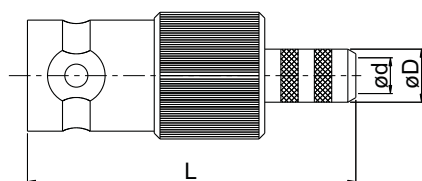


Figure 1

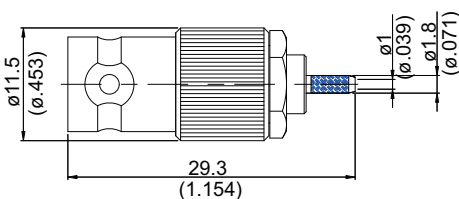


Figure 2

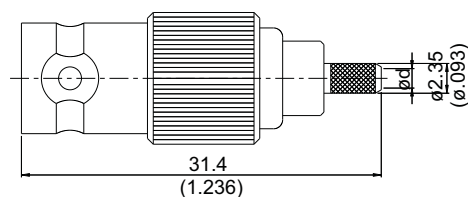


Figure 3

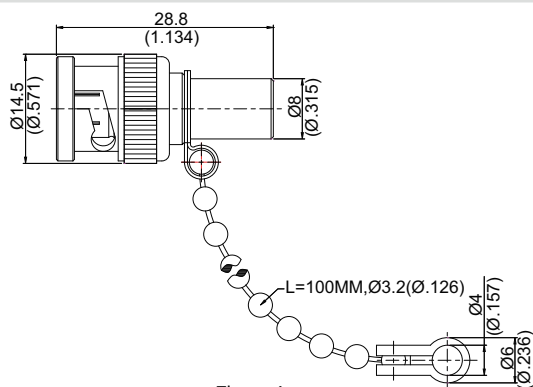


Figure 4

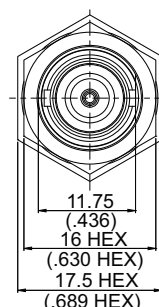
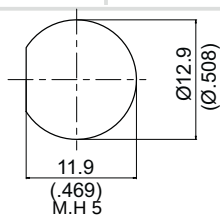


Figure 5



BNC

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
BNC PLUG TERMINATOR										
BNC3980-0002	4				A11					2W Average Power; VSWR≤1.2 up to 2GHz;With Chain
BNC3980-0006	4				A11					2W Average Power; VSWR≤1.2 up to 4GHz;With Chain
BNC JACK CRIMP										
BNC8100-0058	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		58	C2	v*	v*		B7/B3	
BNC9100-0058	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		58	A2	v*	v*		B7/B3	Reverse Polarity Jack
BNC8100-0059	1	L=28.5(1.122) ød=3.9 (.154) øD=5.6 (.220)		59	C2	v*	v*		E4/E1	75 Ω
BNC8100-0142	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		142	C2	v*	v*		B7/B3	
BNC9100-0142	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		142	A2	v*	v*		B7/B3	Reverse Polarity Jack
BNC8100-0223	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		223	C2	v*	v*		B8/B4	
BNC9100-0223	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		223	A2	v*	v*		B8/B4	Reverse Polarity Jack
BNC8100-03C2	1	L=28.5(1.122) ød=3.3 (.130) øD=5.6 (.220)		3C2W	C2	v*	v*		E5/E2	75 Ω
BNC8100-L200	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		200	C2	v*	v*		B7/B3	
BNC9100-L200	1	L=28.5(1.122) ød=3.1 (.122) øD=4.4 (.173)		200	A2	v*	v*		B7/B3	Reverse Polarity Jack
BNC81EZ-L400	1	L=29(1.142) ød=7.5(.295) øD=9.6(.378)		400	C2			v	C7	Spring Finger Design
BNC91EZ-L400	1	L=29(1.142) ød=7.5(.295) øD=9.6(.378)		400	C2			v	C7	Reverse Polarity Jack;Spring Finger Design
BNC8100-0178	2			178	C2	v			A10	
BNC8100-0179	3	ød=1.65(.065)		179	C2	v*	v*		A17/A5	75 Ω
BNC8100-0316	3	ød=1.6(.063)		316	C2		v		A5	
BNC9100-0316	3	ød=1.6(.063)		316	A2		v		A5	Reverse Polarity Jack
BNC8100D-0316	3	ød=1.6(.063)		316D	C2		v		A5	
BNC8100-L100	3	ød=1.7(.067)		100	C2		v		A5	
BNC9100-L100	3	ød=1.7(.067)		100	A2		v		A5	Reverse Polarity Jack
BNC JACK CRIMP FOR BULKHEAD										
BNC8105-0058	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	58	C2	v*	v*		B7/B3	
BNC9105-0058	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	58	A2	v*	v*		B7/B3	Reverse Polarity Jack
BNC8105-0059	5	ød=3.9 (.154) øD=5.6 (.220) L=30.1 (1.185)	5	59	C2	v*	v*		E4/E1	75 Ω
BNC9105-0059	5	ød=3.9 (.154) øD=5.6 (.220) L=30.1 (1.185)	5	59	A2	v*	v*		E4/E1	75 Ω; Reverse Polarity Jack
BNC8105-0122	5	ød=2.7 (.106) øD=3.8 (.150) L=28.6 (1.126)	5	122	C2	v*	v*		D5/D1	
BNC9105-0122	5	ød=2.7 (.106) øD=3.8 (.150) L=28.6 (1.126)	5	122	A2	v*	v*		D5/D1	Reverse Polarity Jack
BNC8105-0142	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	142	C2	v*	v*		B7/B3	
BNC9105-0142	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	142	A2	v*	v*		B7/B3	Reverse Polarity Jack
BNC8105-0223	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	223	C2	v*	v*		B8/B4	
BNC9105-0223	5	ød=3.1 (.122) øD=4.4 (.173) L=30.1 (1.185)	5	223	A2	v*	v*		B8/B4	Reverse Polarity Jack
BNC8105-03C2	5	ød=3.3 (.130) øD=5.6 (.220) L=30.1 (1.185)	5	3C2W	C2	v*	v*		E5/E2	
BNC8105-LM240	5	ød=3.9 (.154) øD=5.6 (.220) L=30.1 (1.185)	5	240	C2	v			E4	

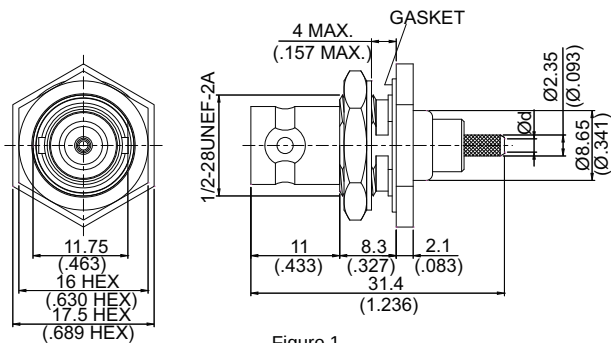


Figure 1

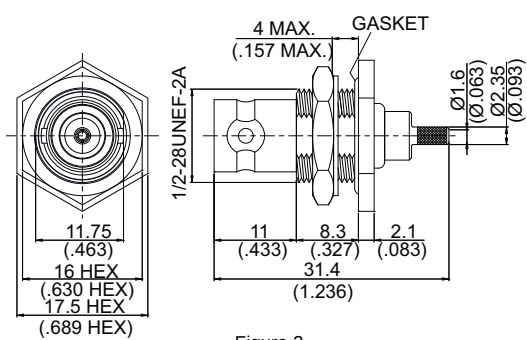


Figure 2

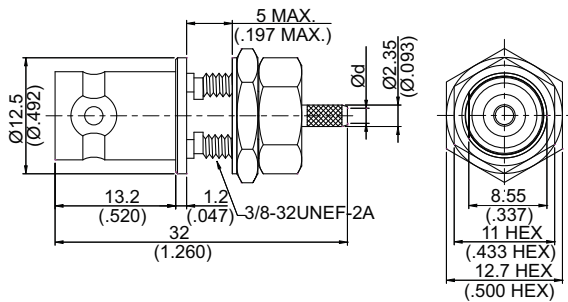


Figure 3

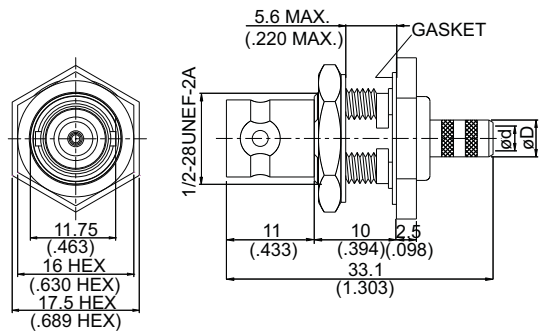


Figure 4

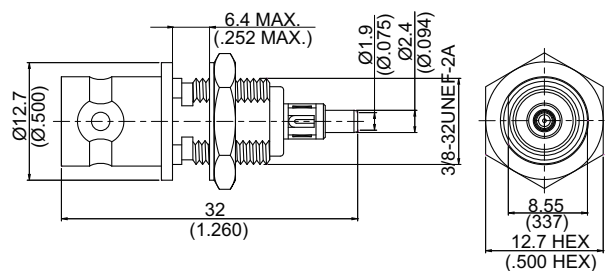


Figure 5

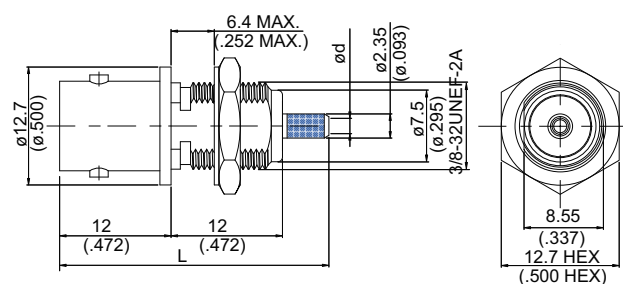
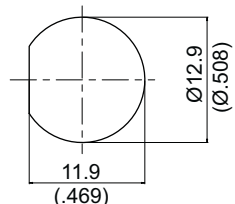
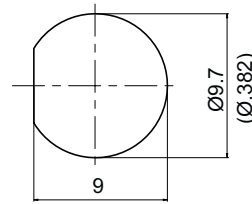


Figure 6



M.H 5



M.H 4

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
BNC JACK CRIMP FOR BULKHEAD									
BNC8105-0179	1	ød=1.65(.065)	5	179	C2	v*	v*	A17/A5	75 Ω
BNC8105-0316	1	ød=1.6(.063)	5	316	C2		v	A5	
BNC8105-0316/BC	1	ød=1.6(.063)	5	316	B2		v	A5	Beryllium Copper Pin
BNC8105D-0316	1	ød=1.6(.063)	5	316D	C2		v	A5	
BNC8105D-0316/BC	1	ød=1.6(.063)	5	316D	B2		v	A5	Beryllium Copper Pin
BNC8105A-0316	1	ød=1.6(.063)	5	316	C2		v	A5	
BNC8105AD-0316	1	ød=1.6(.063)	5	316D	C2		v	A5	
BNC8105-L100	1	ød=1.7(.067)	5	100	C2		v	A5	
BNC9105-L100	1	ød=1.7(.067)	5	100	C2		v	A5	Reverse Polarity Jack
BNC8105F-0316	2		5	316	C2		v	A5	
BNC8105FD-0316	2		5	316D	C2		v	A5	
BNC8505-0316	3	ød=1.6(.063)	4	316	C2	v		A17	
BNC8505-L100	3	ød=1.7(.067)	4	100	C2	v		A17	
BNC8105L-0058	4	ød=3.1 (.122) øD=4.4 (.173)	5	58	C2	v*	v*	B7/B3	
BNC8105L-0059	4	ød=3.9 (.154) øD=5.6 (.220)	5	59	C2	v*	v*	E4/E1	75 Ω
BNC8105L-0142	4	ød=3.1 (.122) øD=4.4 (.173)	5	142	C2	v*	v*	B7/B3	
BNC8105L-0223	4	ød=3.1 (.122) øD=4.4 (.173)	5	223	C2	v*	v*	B8/B4	
BNC8105B-0178	5		4	178	C2	v		A10	
BNC8105B-0179	6	L=28.8(1.134) ød=1.65(.065)	4	179	C2	v*	v*	A17/A5	75 Ω
BNC8105B-0316	6	L=29(1.142) ød=1.6(.063)	4	316	C2		v	A5	
BNC8105BG-0316	6	L=29(1.142) ød=1.6(.063)	4	316	C2		v	A5	With Gasket
BNC8105BD-0316	6	L=29(1.142) ød=1.6(.063)	4	316D	C2		v	A5	

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

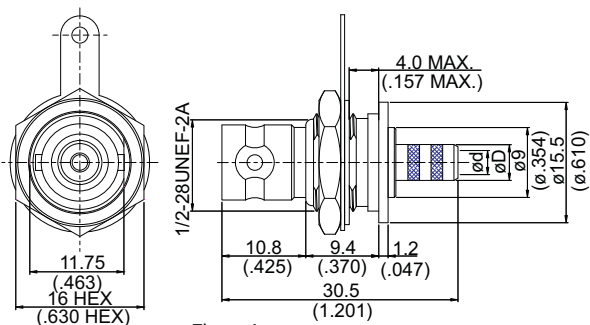


Figure 1

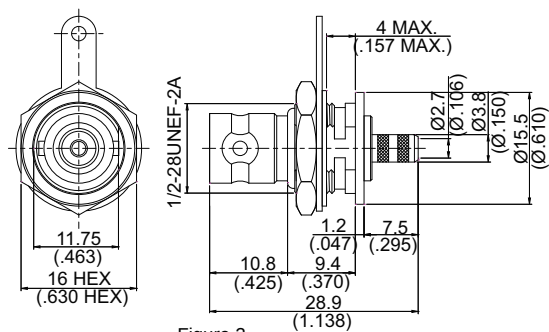


Figure 2

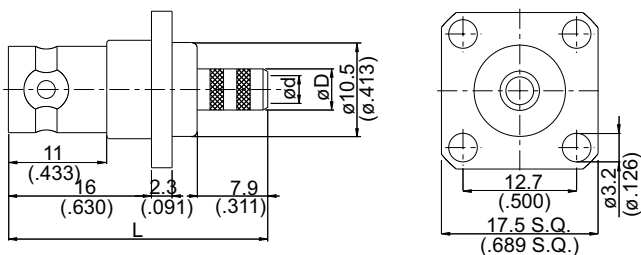


Figure 3

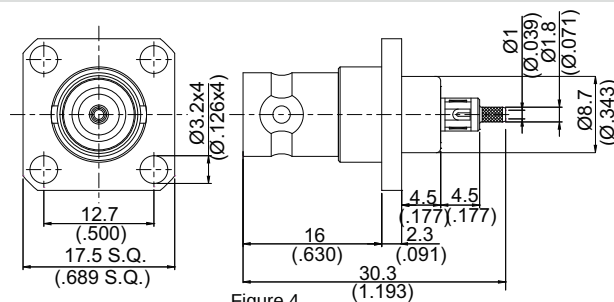


Figure 4

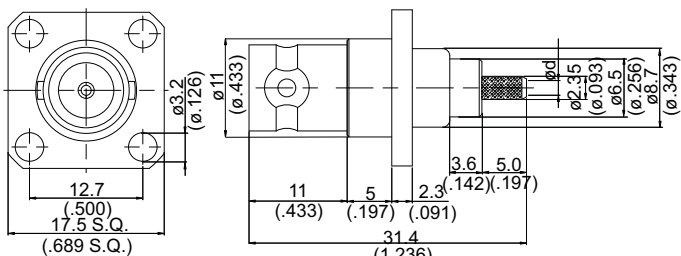


Figure 5

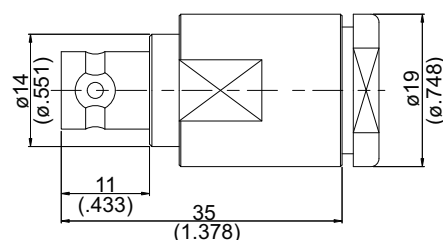
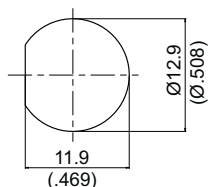
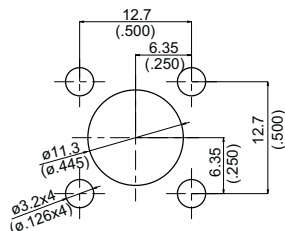


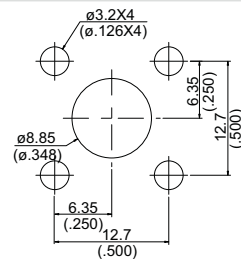
Figure 6



M.H 5



M.H 23



M.H 21

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
BNC ISOLATED JACK CRIMP FOR BULKHEAD								
BNC8105T-0058	1	ød=3.1 (.122) øD=4.4 (.173)	5	58	C2	v*	B7/B3	With Isolator Ground
BNC8105T-0059	1	ød=3.9 (.154) øD=5.6 (.220)	5	59	C2	v*	E4/E1	With Isolator Ground; 75 Ω
BNC8105T-0142	1	ød=3.1 (.122) øD=4.4 (.173)	5	142	C2	v*	B7/B3	With Isolator Ground
BNC8105T-0223	1	ød=3.1 (.122) øD=4.4 (.173)	5	223	C2	v*	B8/B4	With Isolator Ground
BNC8105T-0179	2		5	179	C2	v*	D5/D1	With Isolator Ground; 75 Ω
BNC8105T-0122	2		5	122	C2	v*	D5/D1	With Isolator Ground
BNC8105T-0316	2		5	316	C2	v*	D5/D1	With Isolator Ground
BNC8105T-L100	2		5	100	C2	v*	D5/D1	With Isolator Ground
BNC JACK CRIMP FOR PANEL RECEPTACLE								
BNC8146-0058	3	L=29.0 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	58	C2	v*	B7/B3	
BNC8146-0058BE	3	L=29.0 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	58	B2	v*	B7/B3	Beryllium Copper Pin
BNC8146-0059	3	L=29.0 (1.142) ød=3.9 (.154) øD=5.6 (.220)	23	59	C2	v*	E4/E1	75 Ω
BNC8146-0059BE	3	L=29.0 (1.142) ød=3.9 (.154) øD=5.6 (.220)	23	59	B2	v*	E4/E1	75 Ω, Beryllium Copper Pin
BNC8146-0122	3	L=27.5 (1.083) ød=2.7 (.106) øD=3.8 (.150)	23	122	C2	v*	D5/D1	
BNC8146-0142	3	L=29.0 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	142	C2	v*	B7/B3	
BNC8146-0142/G	3	L=29.0 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	142	C1	v*	B7/B3	Gold Plated Body
BNC8146-0223	3	L=29.0 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	223	C2	v*	B8/B4	
BNC8146-0178	4		21	178	C2	v	A10	
BNC8146-0179	5	ød=1.65 (.065)	21 or 23	179	C2	v*	A17/A5	75 Ω
BNC8146-0316	5	ød=1.6 (.063)	21 or 23	316	C2	v	A5	
BNC8146-0316BE	5	ød=1.6 (.063)	21 or 23	316	B2	v	A5	Beryllium Copper Pin
BNC8146-L100	5	ød=1.7 (.067)	21 or 23	100	C2	v	A5	
BNC JACK CLAMP								
BNC8200B-0011	6			11	C2	v		75 Ω
BNC8200B-0214	6			214	C2	v		

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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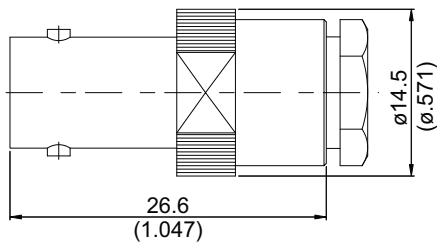


Figure 1

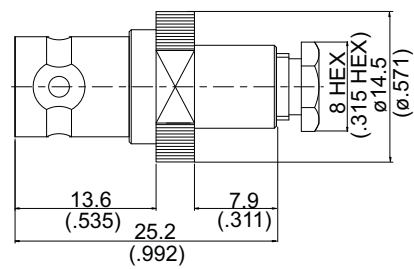


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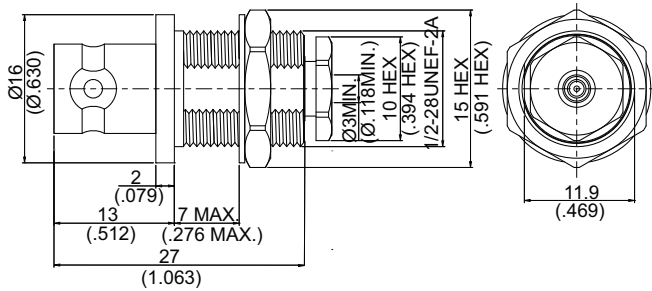


Figure 3

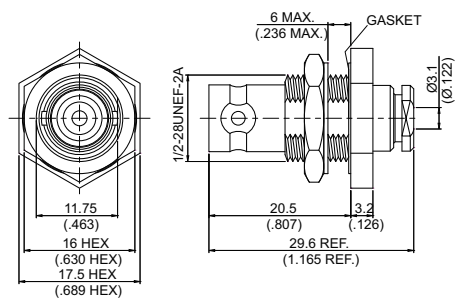


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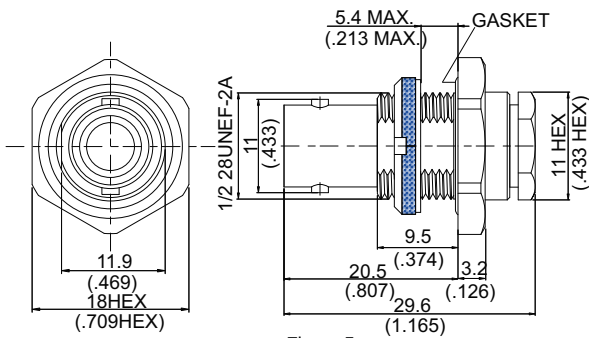


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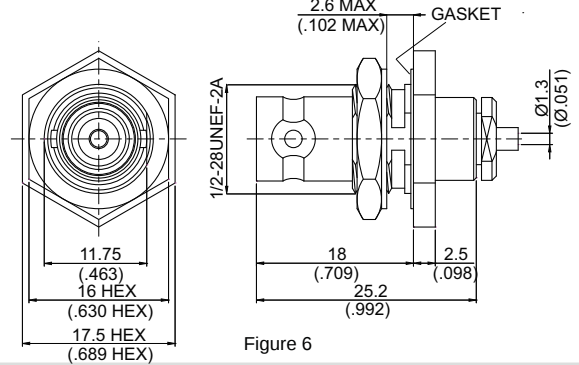


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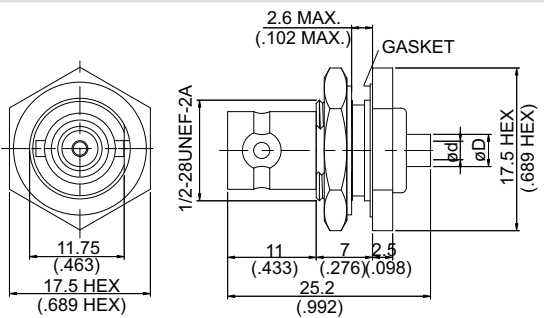
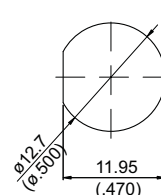
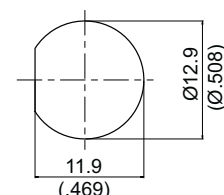


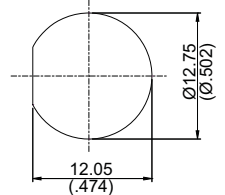
Figure 7



M.H 112



M.H 5



M.H 157

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
BNC JACK CLAMP									
BNC8200B-0058	1			58&142	C2	v			75 Ω
BNC8200B-0059	1			59	C2	v			
BNC8200-0316	2			316	C2	v*	v*	A14	
BNC JACK CLAMP FOR BULKHEAD									
BNC8205-0316	3		112	316	B2	v*	v*	A14	Hermetically Sealed
BNC8205D-0316	3		112	316D	B2	v*	v*	A14	
BNC8205-0316/HS	4		157	316	C2	v			
BNC8205D-0316/HS	4		157	316D	C2	v			Hermetically Sealed
BNC8205-0142	5		112	58&142	C2	v			
BNC JACK SOLDER FOR BULKHEAD									
BNC8305-0047	6		5	.047	C2	v			75 Ω
BNC8305-0085	7	ød=2.3 (.091) øD=4 (.157)	5	.085	C2	v			
BNC8305-7585	7	ød=2.3 (.091) øD=4 (.157)	5	.085J	C2	v			
BNC8305-0141	7	ød=3.65 (.144) øD=5 (.197)	5	.141	C2	v			

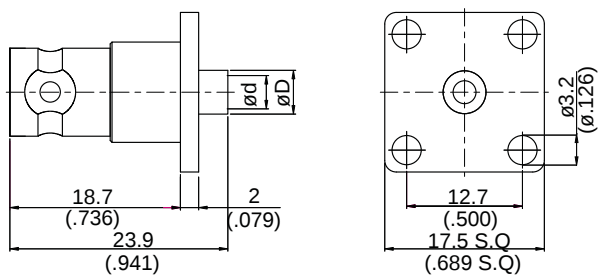


Figure 1

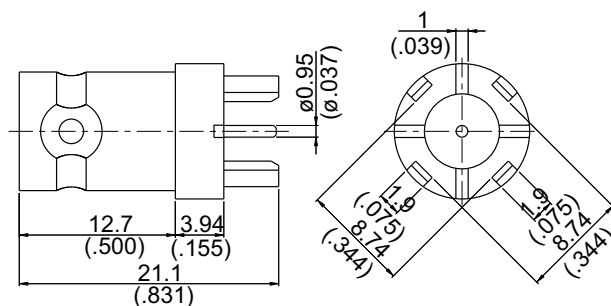


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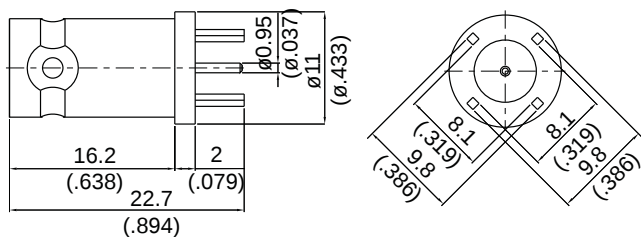


Figure 3

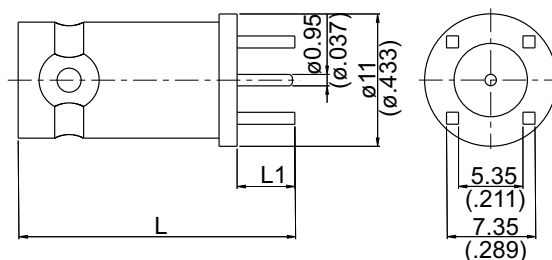


Figure 4

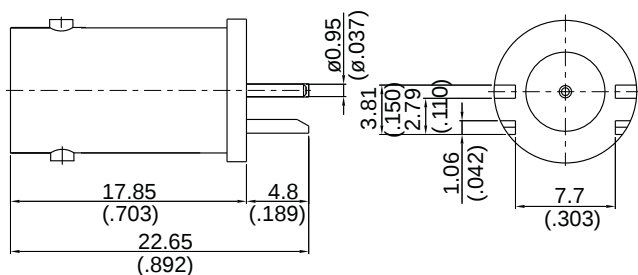


Figure 5

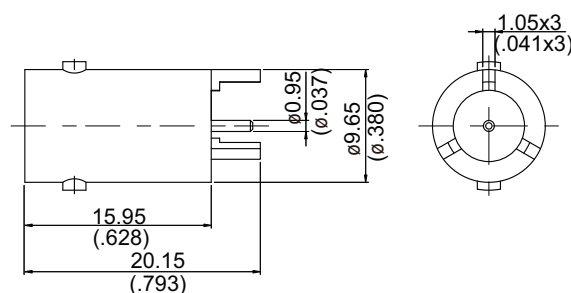
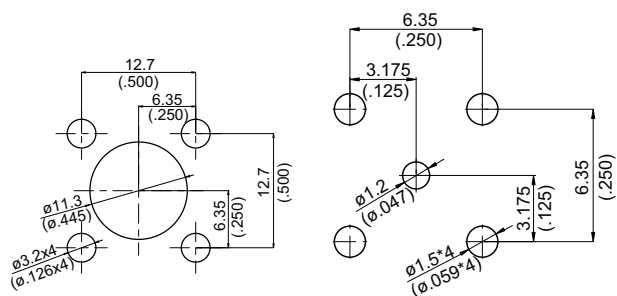
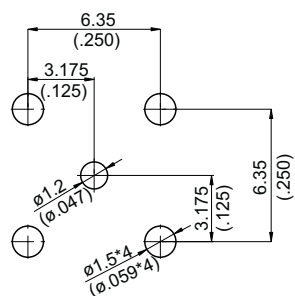


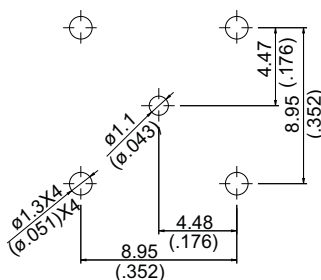
Figure 6



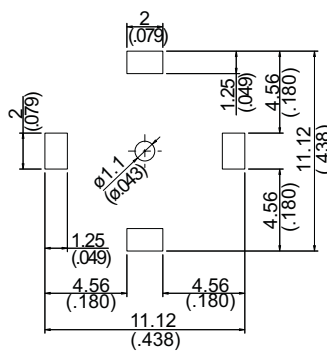
M.H 23



M.H 15



M.H 88



M.H 100

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
BNC JACK SOLDER FOR PANEL RECEPTACLE								
BNC8346-0085	1	ød=2.3 (.091) øD=3.0 (.118)	23	.085	C2	v		Beryllium Copper Pin
BNC8346-0085BE	1	ød=2.3 (.091) øD=4.0 (.157)	23	.085	B2	v		
BNC8346-0141	1	ød=3.65 (.144) øD=4.8 (.189)	23	.141	C2	v		
BNC JACK P.C.B MOUNT								
BNC8400-0000	2		100		C2			
BNC8475-0000	2		100		C2			75 Ω
BNC8400B-0000	3		88		C2			
BNC8400A-0000	4	L=18.2 (.717) L1=4.5 (.177)	15A		B2			
BNC8475A-0000	4	L=18.2 (.717) L1=4.5 (.177)	15A		B2			75 Ω
BNC8400D-0000	4	L=22.65 (.892) L1=4.8 (.189)	15A		B2			
BNC8475D-0000	4	L=22.65 (.892) L1=4.8 (.189)	15A		B2			75 Ω
BNC8401D-0000	5				C2			
BNC9401D-0000	5				A2			Reverse Polarity Jack
BNC8403-0000	6				C17			

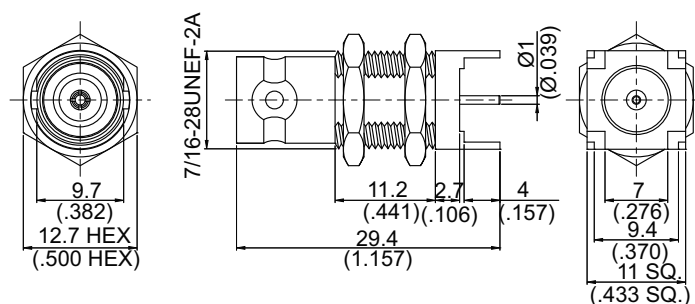


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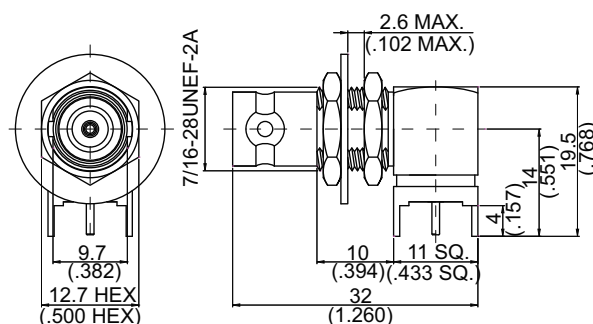
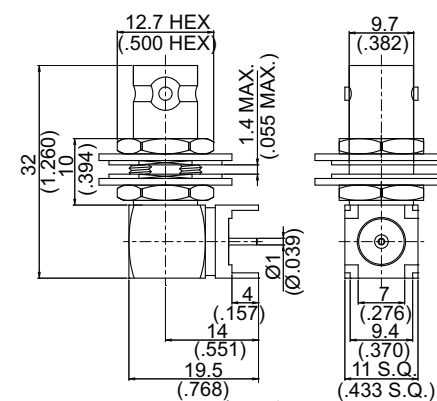
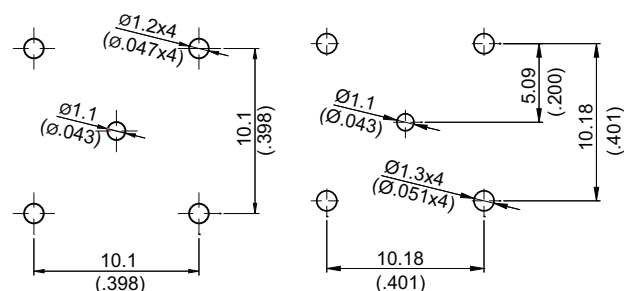


Figure 4



68) Figure 6



M.H 141

M.H 146

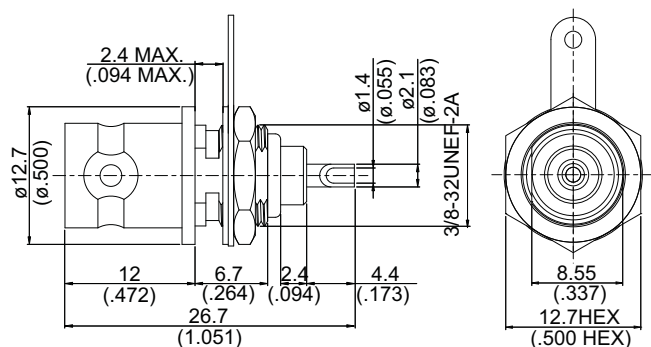


Figure 1

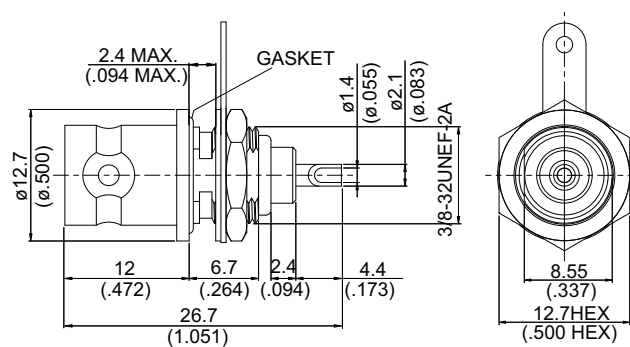


Figure 2

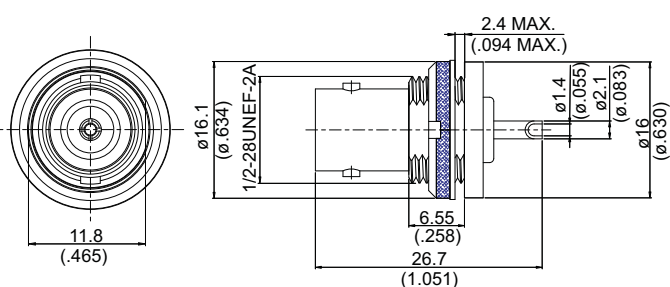


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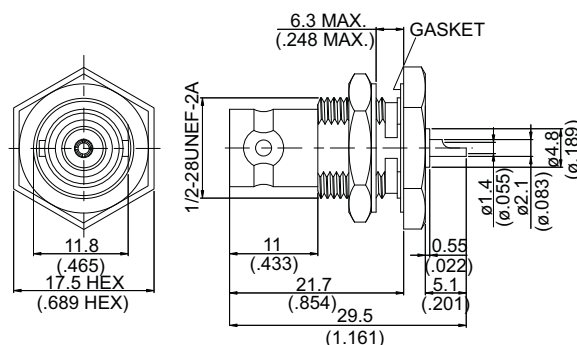


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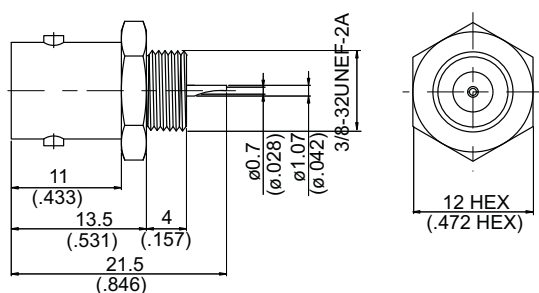


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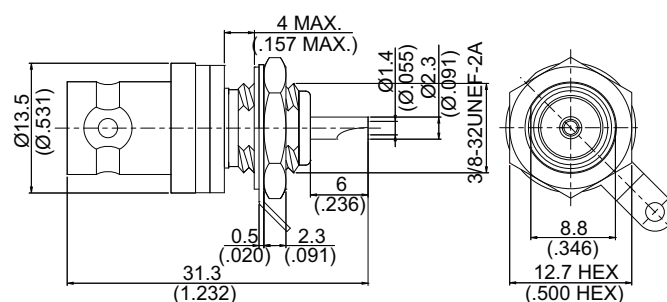
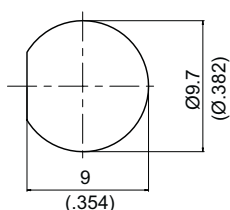
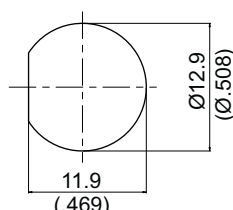


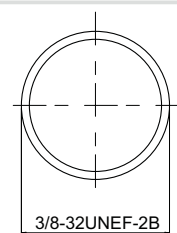
Figure 6



M.H 4



M.H 5



M.H 126

PART NUMBER	Fig.	M.H	Material	Remarks
BNC JACK FOR BULKHEAD				
BNC8550-0000	1	4	C2	No Gasket
BNC8575-0000	1	4	C2	75 Ω; No Gasket
BNC8550B-0000	2	4	C2	With Gasket
BNC8575B-0000	2	4	C2	With Gasket; 75 Ω
BNC8503-0000	3	5	C2	No Gasket
BNC8503-0075	3	5	C2	No Gasket; 75 Ω
BNC8506-0000	4	5	C17	With Gasket
BNC8506-0075	4	5	C17	With Gasket; 75 Ω
BNC8507-0000	5	126	B2	No Gasket
BNC8507-0075	5	126	B2	75 Ω; No Gasket
BNC ISOLATED JACK FOR BULKHEAD				
BNC8500-0000A	6	4	C17	White Isolated Bulkhead
BNC8500-0000B	6	4	C17	Black Isolated Bulkhead
BNC8500-0000C	6	4	C17	Green Isolated Bulkhead
BNC8500-0000D	6	4	C17	Red Isolated Bulkhead
BNC8500-0000E	6	4	C17	Blue Isolated Bulkhead
BNC8500-0000F	6	4	C17	Yellow Isolated Bulkhead

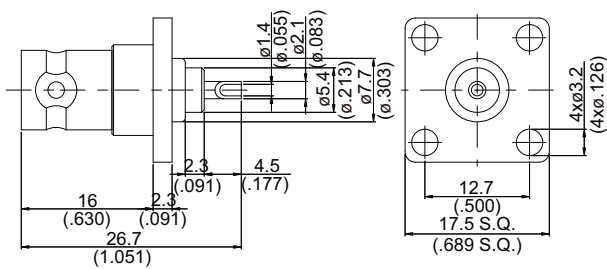


Figure 1

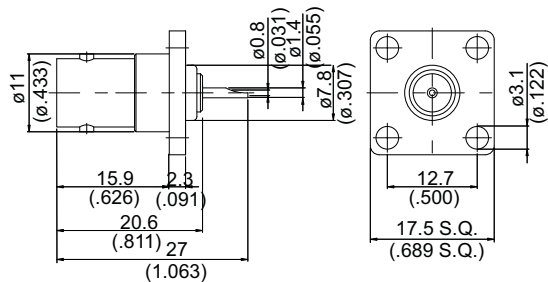


Figure 2

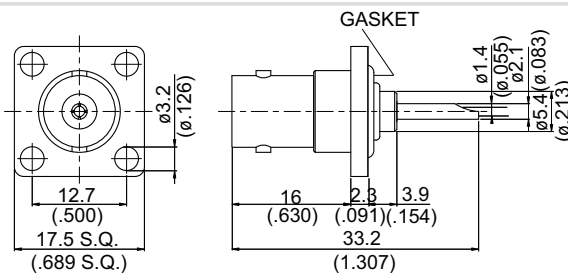


Figure 3

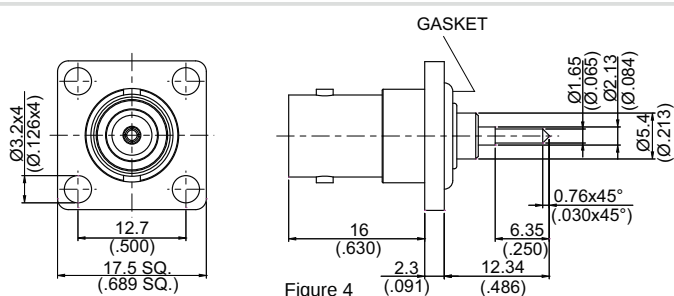


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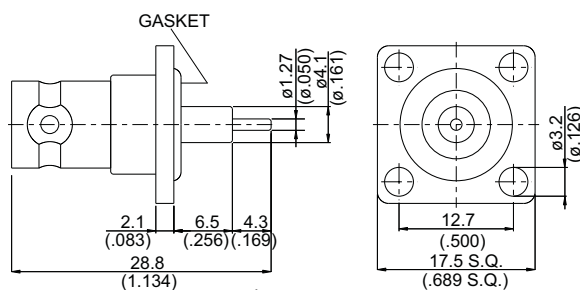


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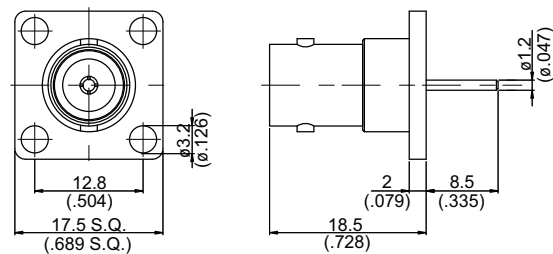


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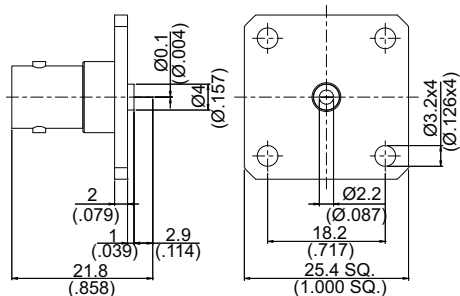
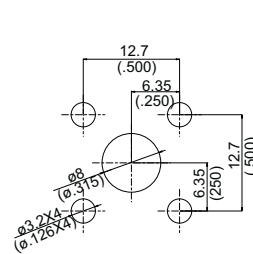
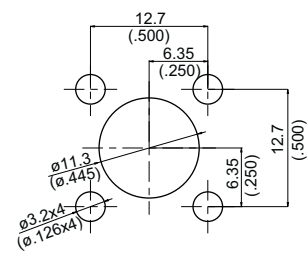


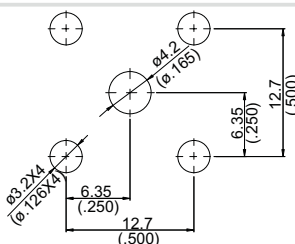
Figure 7



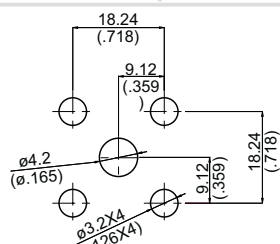
M.H 22



M.H 23



M.H 89



M.H 34B

PART NUMBER	Fig.	M.H	Material	Remarks
BNC JACK FOR PANEL RECEPTACLE				
BNC864A-0000	1	22	C2	No Gasket
BNC864A-0075	1	22	C2	75 Ω; No Gasket
BNC864B2-0000	2	22	C2	No Gasket
BNC864B2-0075	2	22	C2	75 Ω; No Gasket
BNC864B1-0000	3	22	C2	With Gasket
BNC864B1-0075	3	22	C2	75 Ω; With Gasket
BNC864B3-0000	4	22	C2	With Gasket
BNC JACK FOR PANEL RECEPTACLE				
BNC864L-0000	5	89	C2	With Gasket
BNC964L-0000	5	89	A2	Reverse Polarity Jack; With Gasket
BNC864L-0075	5	89	C2	75 Ω; With Gasket
BNC864L1-0000	6		C2	No Gasket
BNC864L1-0075	6		C2	75 Ω; No Gasket
BNC864AL2-0000	7	34B	C2	

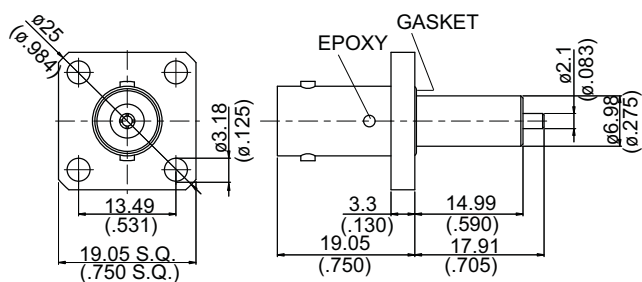


Figure 1

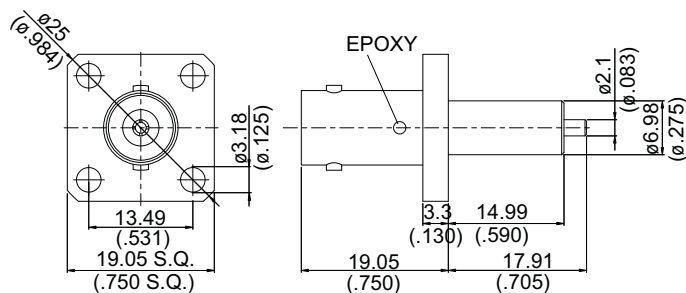


Figure 2

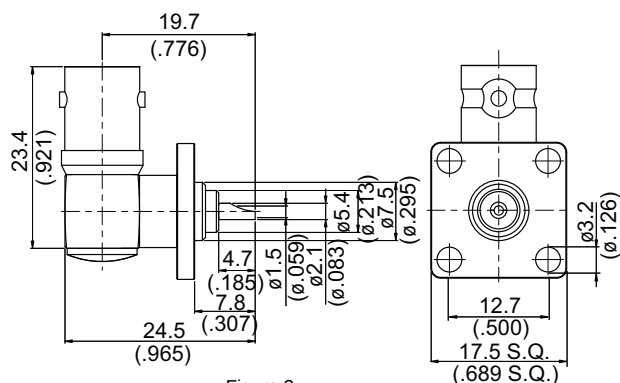


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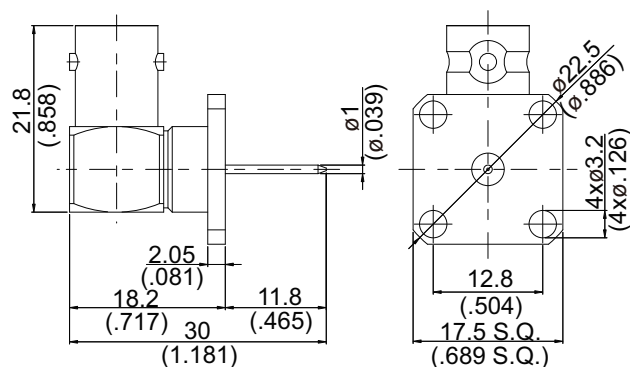


Figure 4

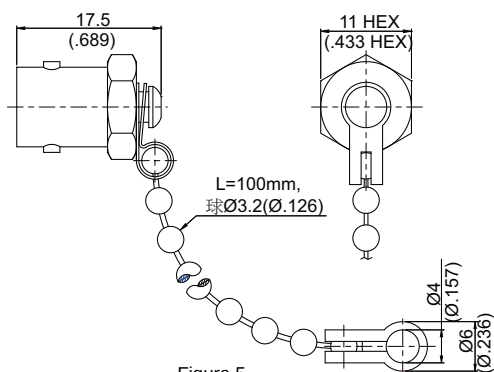


Figure 5

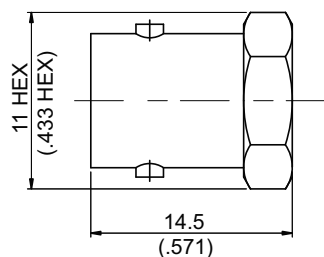
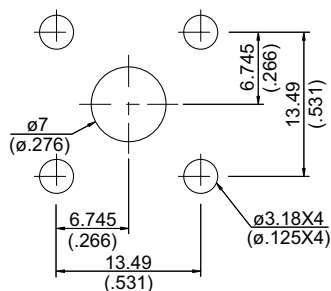
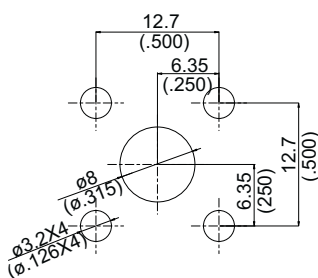


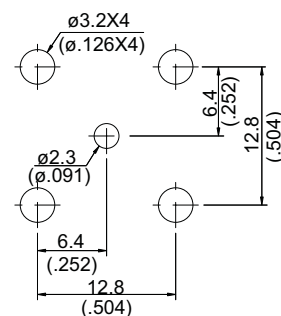
Figure 6



M.H 20



M.H 22



M.H 36

PART NUMBER	Fig.	M.H	Material	Remarks
BNC JACK FOR PANEL RECEPTACLE				
BNC864RE1-0000	1	20	B2	With Groove And Gasket; Epoxy Captivation
BNC864RE2-0000	2	20	B2	Without Groove, Without Gasket; Epoxy Captivation
BNC JACK FOR PANEL RECEPTACLE RIGHT ANGLE				
BNC864A-9000	3	22	B2	75 Ω
BNC864A-9075	3	22	B2	
BNC864B-9000	4	36	C17	
BNC JACK CAP				
BNC8800-0000	5		2	With Chain
BNC8800-0000/BL	5			With Chain; Black Chromium Plated
BNC8801-0000	6		2	Without Chain

BNC

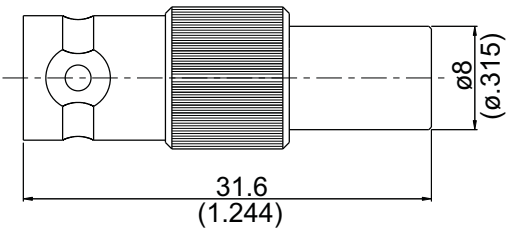


Figure 1

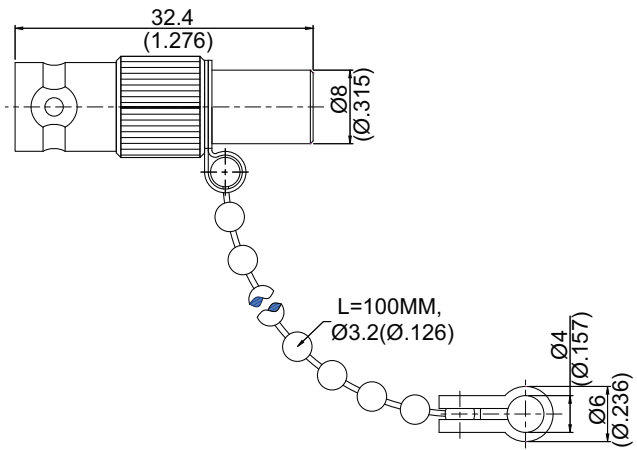


Figure 2

PART NUMBER	Fig.	Material	Remarks
BNC JACK TERMINATOR			
BNC8900-0002	1	C2	2W Average Power; VSWR≤1.2 up to 2GHz
BNC8975-0002	1	C2	2W Average Power; 2=2GHz ; 75 Ω
BNC8980-0002	2	C2	2W Average Power; VSWR≤1.2 up to 2GHz; With Chain

BNC HDTV SERIES

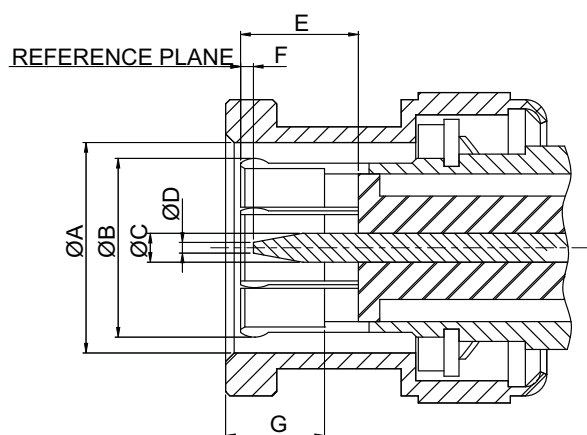
Miniature Coaxial Connectors

FEATURES

BNC HDTV connectors are 75ohm connectors with an optimized performance up to 3Ghz suitable for HDTV signal transmission. Mechanically they are intermatable with standard 50ohm and 75ohm BNC connectors.

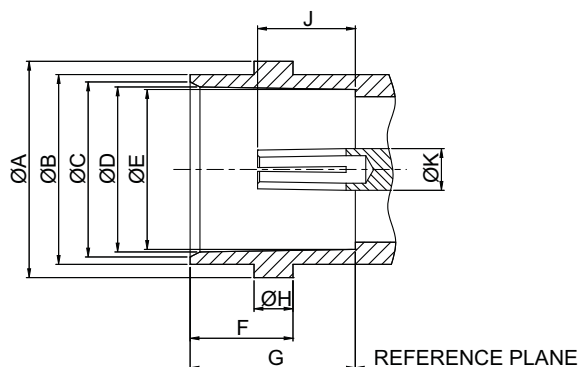
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
ØA	9.80(.386)	9.90(.390)
ØB	8.30(.327)	8.40(.331)
ØC	1.32(.052)	1.37(.054)
ØD	0.35(.014)	0.65(.026)
E	5.30(.209)	5.50(.217)
F	0.10(.004)	0.90(.035)
G	4.57(.180)	4.67(.184)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
ØA	10.97(.432)	11.07(.436)
ØB	9.60(.378)	9.67(.381)
ØC	8.80(.346)	9.00(.354)
ØD	8.32(.328)	8.46(.333)
ØE	8.10(.319)	8.15(.321)
F	5.18(.204)	5.28(.208)
G	8.30(.327)	8.50(.335)
ØH	1.90(.075)	2.06(.081)
J	4.72(.186)	5.22(.206)
ØK	2.10(.083)	2.14(.084)



TECHNICAL DATA

BNC HDTV

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1500
Working Voltage (at sea level, in V rms, 50Hz)	≤500
Impedance	75 Ω
Frequency Range	DC up to 3 GHz
Insulation Resistance	≥5GΩ
Contact Resistance Inner Conductor	≤1.5mΩ
Contact Resistance Outer Conductor	≤1mΩ

Mechanical Data	
Coupling Nut Torque	0.6 to 2.5 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.1 lbs
Durability (matings)	≥500

Environmental Data (50Ω & 75Ω)	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

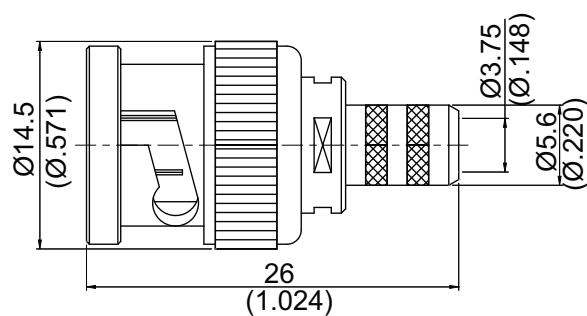


Figure 1

PART NUMBER	Fig.	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
				Solder	Crimp		
BNC HDTV PLUG CRIMP							
BNCHD3100-JBY59	1	59L	A11	v		F4	75Ω

TNC SERIES

Miniature Coaxial Connectors

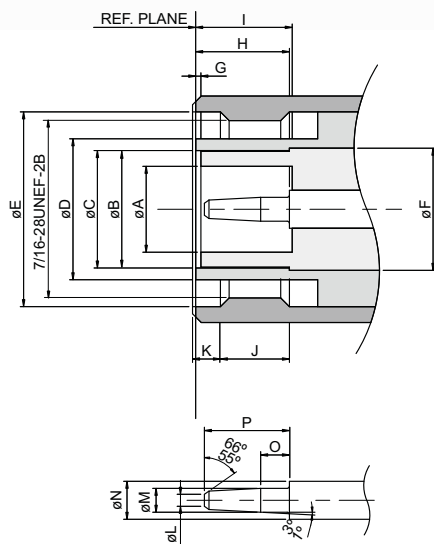
FEATURES

TNC connectors, medium sized coaxial connectors with thread coupling, are designed for applications where extreme vibration is encountered. The increased rigidity of the screw coupling gives the TNC a more consistent performance than the BNC under adverse operating conditions.

50 Ω impedance for applications up to 11 GHz and 75 Ω impedance for up to 1 GHz. Cable entries are fully crimped or clamp type with soldered inner contact. All 75 Ω TNC connectors and 50 Ω connectors are intermatable without restrictions.

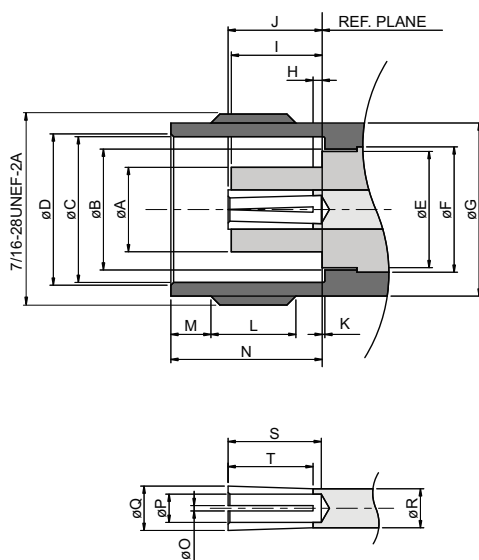
50 Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.88 (.192)	4.93 (.194)
B	6.60 (.260)	6.65 (.262)
C	6.72 (.2645)	6.74 (.2655)
D	8.06 (.3175)	8.09 (.3185)
E	11.18 (.440)	----
F	6.99 (.2752)	7.01 (.2760)
G	0.15 (.006)	0.30 (.012)
H	5.31 (.209)	5.38 (.212)
I	5.38 (.212)	5.54 (.218)
J	3.96 (.156)	----
K	1.60 (.063)	----
L	0.33 (.013)	0.69 (.027)
M	1.35 (.0530)	1.37 (.0541)
N	2.16 (.0851)	2.18 (.0859)
O	1.40 (.055)	1.65 (.065)
P	4.62 (.182)	4.88 (.192)

JACK:



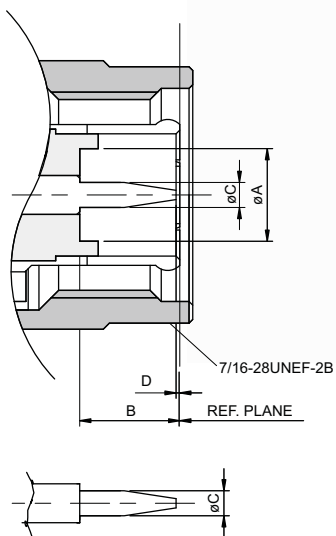
Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.67 (.184)	4.72 (.186)
B	6.71 (.264)	6.76 (.266)
C	8.10 (.319)	8.15 (.321)
D	8.31 (.327)	8.46 (.333)
E	----	6.50 (.256)
F	6.99 (.2752)	7.01 (.2760)
G	9.60 (.378)	9.68 (.381)
H	0.51 (.020)	1.02 (.040)
I	5.08 (.200)	5.28 (.208)
J	5.21 (.205)	5.28 (.208)
K	0.00 (.000)	0.15 (.005)
L	4.75 (.187)	----
M	1.73 (.068)	2.24 (.088)
N	8.36 (.329)	8.46 (.333)
O	0.30 (.012)	----
P	1.52 (.0600)	1.58 (.0622)
Q	2.45 (.0965)	2.48 (.0978)
R	2.16 (.0852)	2.18 (.0859)
S	5.21 (.205)	----
T	4.75 (.187)	----

NOTES

1. ID TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 1.3462 $\pm$.0254mm DIA pin.
2. JYEBAO TNC CONNECTORS MEET THE INTERFACE REQUIERMENTS OF MIL-STD-348A

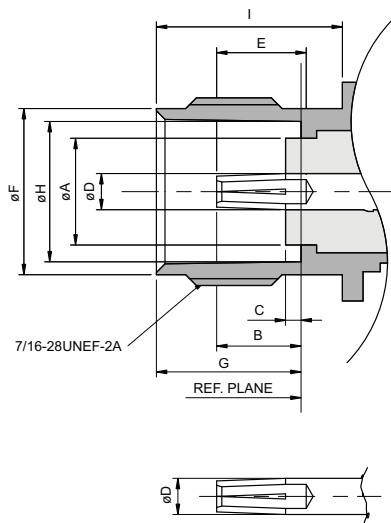
75Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.83 (.190)	4.97 (.196)
B	5.28 (.208)	5.79 (.228)
C	1.32 (.052)	1.37 (.054)
D	0.08(.003)	1.02 (.040)

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	----	4.72 (.186)
B	4.72 (.186)	5.23 (.206)
C	1.50 (.059)	
D	2.10 (.827)	
E	4.95 (.195)	----
F	9.60 (.378)	9.70 (.382)
G	8.35 (.328)	8.48 (.334)
H	8.10 (.319)	8.15 (.321)
I	10.60 (.417)	----



TECHNICAL DATA

Electrical Data	50Ω TNC	75Ω TNC
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1500	
Working Voltage (at sea level, in V rms, 50Hz)	≤500	
Impedance	50 Ω	75 Ω
Frequency Range	DC up to 11 GHz	DC up to 1 GHz
Insulation Resistance	≥5000M Ω	
Contact Resistance Inner Conductor	≤2m Ω	
Contact Resistance Outer Conductor	≤1m Ω	

Mechanical Data (50Ω & 75Ω TNC)	
Recommended Coupling Nut Torque	4.1 to 6.1 in.-lbs
Coupling Proof Torque	15 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.1 lbs
Durability (matings)	≥500

Environmental Data (50Ω & 75Ω TNC)	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

TNC

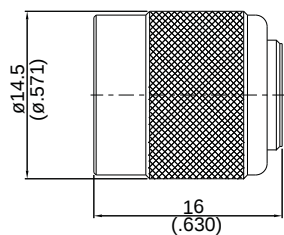


Figure 1

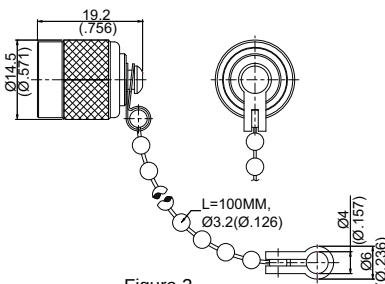


Figure 2

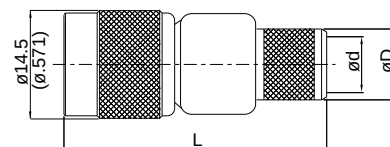


Figure 3

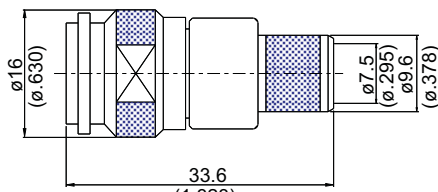


Figure 4

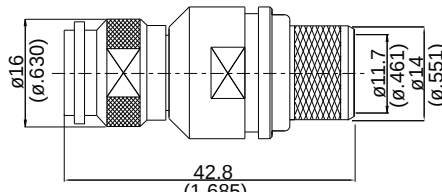


Figure 5

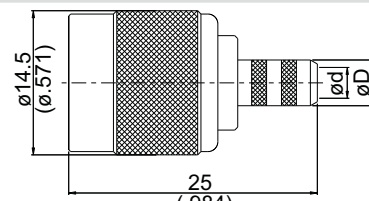


Figure 6

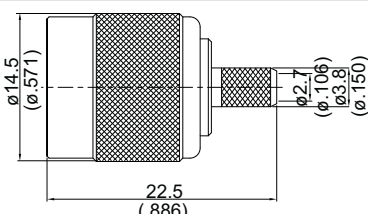


Figure 7

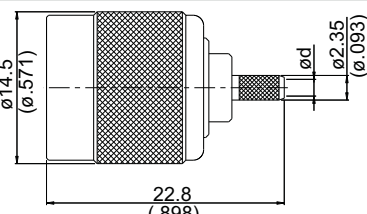


Figure 8

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
TNC PLUG SHORT END									
TNC3000-0000	1			A11					
TNC3080-0000	2			A11					With Chain
TNC PLUG CRIMP									
TNC3100-0011	3	L=35.6(1.402) ød=7.5(.295) øD=9.6(.378)	11	A11	v*	v*		C7/C5	75 Ω
TNC3100-0213	3	L=35.6(1.402) ød=7.5(.295) øD=9.6(.378)	213	A11	v*	v*		C7/C5	
TNC6100-0213	3	L=35.6(1.402) ød=7.5(.295) øD=9.6(.378)	213	C11	v*	v*		C7/C4	Reverse Polarity Plug
TNC3100-0214/CR	3	L=35.6(1.402) ød=7.5(.295) øD=9.6(.378)	214	A11		v		C4	
TNC3100-08DF	3	L=35.6(1.402) ød=8.1(.319) øD=10(.394)	8DFB	A11	v*	v*		C7/C5	
TNC3100-L300	3	L=35.2(1.386) ød=4.95(.195) øD=6.8(.268)	300	A11	v			D3	
TNC6100-L300	3	L=35.2(1.386) ød=4.95(.195) øD=6.8(.268)	300	C11	v			D3	Reverse Polarity Plug
TNC3100-L400	3	L=35.5(1.398) ød=7.5(.295) øD=9.6(.378)	400	A11	v*	v*		C7/C5	
TNC6100-L400	3	L=35.5(1.398) ød=7.5(.295) øD=9.6(.378)	400	C11	v*	v*		C7/C5	Reverse Polarity Plug
TNC31EZ-L400	3	L=35.7(1.406) ød=7.5(.295) øD=9.6(.378)	400	C11			v	C7	
TNC61EZ-L400	3	L=35.7(1.406) ød=7.5(.295) øD=9.6(.378)	400	C11			v	C7	Reverse Polarity Plug
TNC6100-08DF	4		8DFB	C11	v			C7	Reverse Polarity Plug
TNC3100-L600	5		600	A11	v			F2	
TNC6100-L600	5		600	C11	v			F2	Reverse Polarity Plug
TNC3100-0006	6	ød=5.1 (.201) øD=6.6 (.260)	6	A11	v*	v*		D4/D2	75 Ω
TNC3100-0058	6	ød=3.1 (.122) øD=4.4 (.173)	58	A11	v*	v*		B7/B3	
TNC3100R-0058	6	ød=3.1 (.122) øD=4.6 (.181)	58	A11	v*	v*		B7/B3	Reverse Thread
TNC6100-0058	6	ød=3.1 (.122) øD=4.4 (.173)	58	C11	v*	v*		B7/B3	Reverse Polarity Plug
TNC3100-0059	6	ød=3.9 (.154) øD=5.6 (.220)	59	A11	v*	v*		E4/E1	75 Ω
TNC3100-0142	6	ød=3.1 (.122) øD=4.4 (.173)	142	A11	v*	v*		B7/B3	
TNC6100-0142	6	ød=3.1 (.122) øD=4.4 (.173)	142	C11	v*	v*		B7/B3	Reverse Polarity Plug
TNC3100-0223	6	ød=3.1 (.122) øD=4.4 (.173)	223	A11	v*	v*		B8/B4	
TNC6100-0223	6	ød=3.1 (.122) øD=4.4 (.173)	223	C11	v*	v*		B8/B4	Reverse Polarity Plug
TNC3100-03C2	6	ød=3.3 (.130) øD=5.6 (.220)	3C2W	A11	v*	v*		E5/E2	75 Ω
TNC3100-03C2V	6	ød=3.3 (.130) øD=5.6 (.220)	3C2V	A11	v*	v*		E4/E1	75 Ω
TNC3100-05C2V	6	ød=5.1 (.201) øD=6.6 (.260)	5C2V	A11	v*	v*		D4/D2	75 Ω
TNC3100-L200	6	ød=3.1(.122) øD=4.4(.173)	200	A11	v*	v*		B7/B3	Semi-Hex Nut
TNC6100-L200	6	ød=3.1(.122) øD=4.4(.173)	200	C11	v*	v*		B7/B3	Reverse Polarity Plug
TNC3100-L240	6	ød=3.9(.154) øD=5.6(.220)	240	A11	v*	v*		E4/E1	Semi-Hex Nut
TNC3100A-L240	6	ød=3.9(.154) øD=5.6(.220)	240	A11	v*	v*		E4/E1	Hex Nut
TNC6100-L240	6	ød=3.9(.154) øD=5.6(.220)	240	C11	v*	v*		E4/E1	Reverse Polarity Plug
TNC3100-02.5C2	7		2.5C2W	A11	v*	v*		D5/D1	
TNC3100-0122	7		122	A11	v*	v*		D5/D1	
TNC3100-0179	8	ød=1.65(.065)	179	A11	v*	v*		A17/A5	75 Ω
TNC31ND-0179	8	ød=1.65(.065)	179	A11	v*	v*		A17/A5	Insulator is Delrin;75 Ω
TNC3100P-0316	8	ød=1.6(.063)	316	A11		v		A5	
TNC3100PA-0316	8	ød=1.6(.063)	316	A11		v		A5	Hex Nut
TNC6100-0316	8	ød=1.6(.063)	316	C11		v		A5	Reverse Polarity Plug
TNC3100PD-0316	8	ød=1.6(.063)	316D	A11		v		A5	
TNC3100-L100	8	ød=1.7(.067)	100	A11		v		A5	
TNC6100-L100	8	ød=1.7(.067)	100	C11		v		A5	Reverse Polarity Plug

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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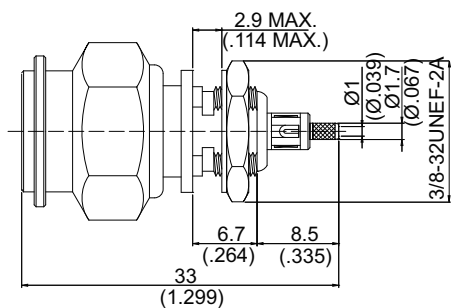


Figure 1

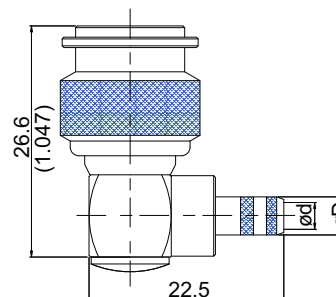
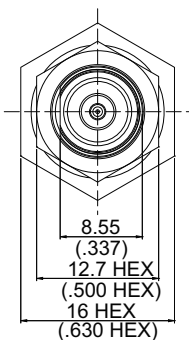


Figure 2

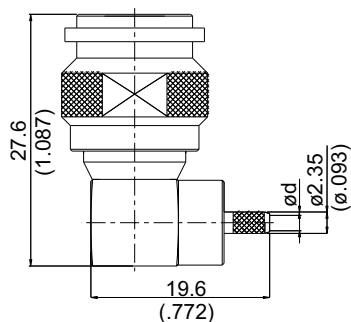


Figure 3

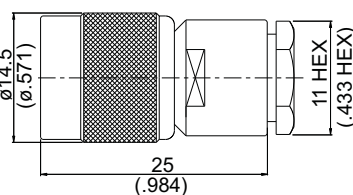


Figure 4

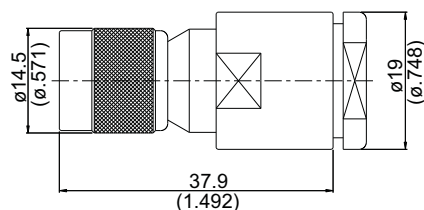


Figure 5

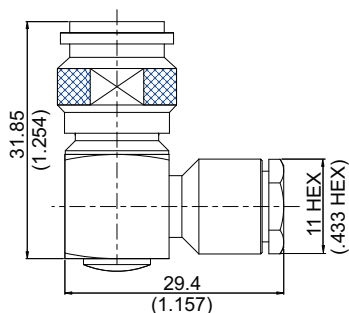


Figure 6

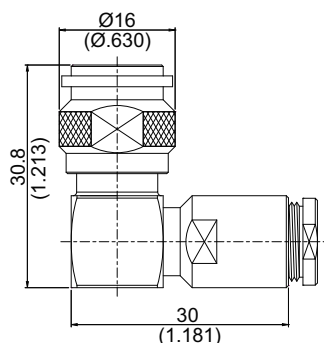
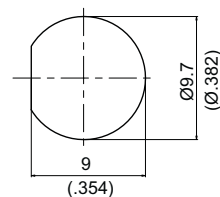


Figure 7



M.H 4

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
TNC PLUG CRIMP FOR BULKHEAD										
TNC6500-0178	1		4	178	C11	v			A10	Reverse Polarity Plug
TNC PLUG CRIMP RIGHT ANGLE										
TNC3100-9058	2	ød=3.1 (.122) øD=4.4 (.173)		58	A11	v			B7	
TNC6100A-9058	2	ød=3.1 (.122) øD=4.4 (.173)		58	C11	v			B7	Reverse Polarity Plug ; Hex Nut
TNC3100-9059	2	ød=3.9 (.154) øD=5.6 (.220)		59	A11	v			E4	75 Ω
TNC3100-9142	2	ød=3.1 (.122) øD=4.4 (.173)		142	A11	v			B7	
TNC6100A-9142	2	ød=3.1 (.122) øD=4.4 (.173)		142	C11	v			B7	Reverse Polarity Plug ; Hex Nut
TNC3100-9223	2	ød=3.1 (.122) øD=4.4 (.173)		223	A11	v			B8	
TNC6100A-9223	2	ød=3.1 (.122) øD=4.4 (.173)		223	C11	v			B8	Reverse Polarity Plug ; Hex Nut
TNC3100-93C2	2	ød=3.3 (.130) øD=5.6 (.220)		3C2W	A11	v			E5	75 Ω
TNC3100-9L240	2	ød=3.9(.154) øD=5.6(.220)		240	A11	v			E4	
TNC6100-9L240	2	ød=3.9(.154) øD=5.6(.220)		240	C11	v			E4	Reverse Polarity Jack
TNC3100-9179	3	ød=1.65(.065)		179	A11	v			A17	75 Ω
TNC3100-9316	3	ød=1.6(.063)		316	A11	v			A17	
TNC3100D-9316	3	ød=1.6(.063)		316D	A11	v			A17	
TNC3100-9L100	3	ød=1.7(.067)		100	A11	v			A17	
TNC PLUG CLAMP										
TNC3200B-0058	4			58&142	A11	v*	v*		A14	
TNC3200B-0059	4			59	A11	v*	v*		A14	75 Ω
TNC3200B-0011	5			11	A11	v				75 Ω
TNC3200-0214	5			214	A11	v*	v*		C8	Semi-Hex Nut
TNC PLUG CLAMP RIGHT ANGLE										
TNC3200B-9058	6			58&142	A11	v				
TNC3200-95DF	7			300	A11			v		

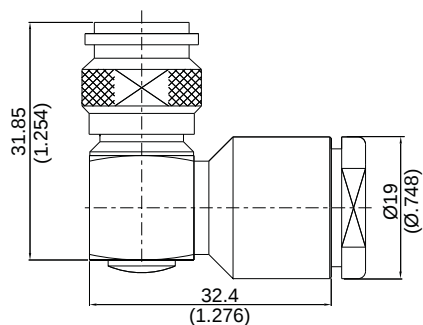


Figure 1

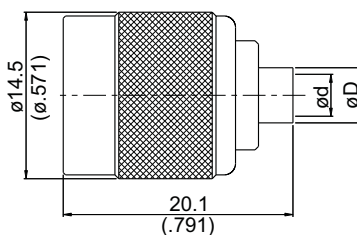


Figure 2

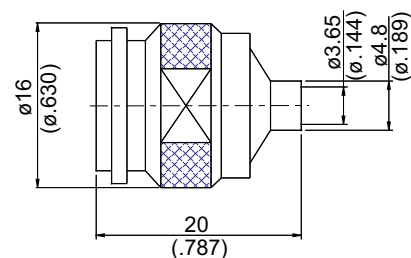


Figure 3

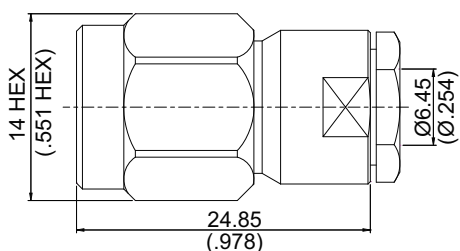


Figure 4

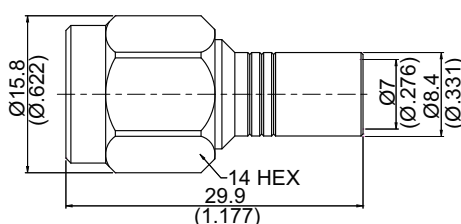


Figure 5

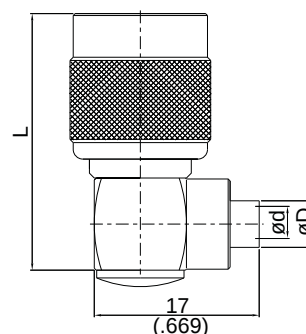


Figure 6

TNC

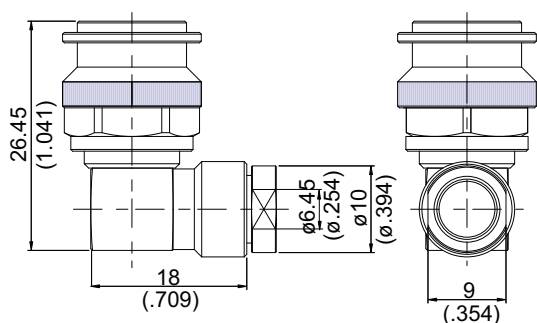


Figure 7

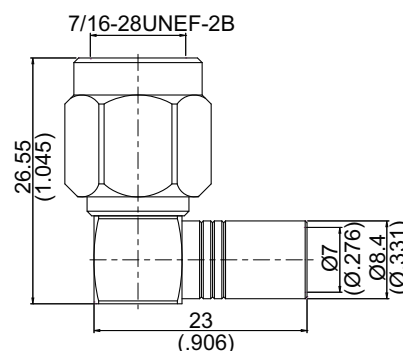


Figure 8

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
TNC PLUG CLAMP RIGHT ANGLE							
TNC3200B-9011	1		11	A11	v		75 Ω
TNC3200B-9214	1		214	A11	v		
TNC3200BA-9L400	1		400	A11	v		Hex Nut
TNC6200BA-9L400	1		400	C11	v		Reverse Polarity Plug ; Hex Nut
TNC PLUG SOLDER							
TNC3300-0085	2	ød= 2.3 (.091) øD= 4 (.157)	.085	A11	v		
TNC3300-0141	2	ød= 3.65 (.144) øD= 5 (.197)	.141	A11	v		
TNC3300S-0141	3		.141	A14	v		Stainless Nut
TNC3300-0250/18	4		.250	A11	v		
TNC3300-0250/FEP	5		.250F	A11	v		
TNC PLUG SOLDER RIGHT ANGLE							
TNC3300-9085	6	L=27.65 (1.089) ød=2.3 (.091) øD=3.0 (.118)	.085	A11	v		
TNC6300A-9085	6	L=26.65 (1.049) ød=2.3 (.091) øD=4.0 (.157)	.085	C11	v		Reverse Polarity Plug; A=Semi Hex Nut
TNC3300-9141	6	L=26.45 (1.041) ød=3.65 (.144) øD=4.8 (.189)	.141	A11	v		
TNC PLUG SOLDER CLAMP RIGHT ANGLE							
TNC3300-9250	7		.250	A11	v		
TNC3300-9250/FEP	8		.250F	A11	v		

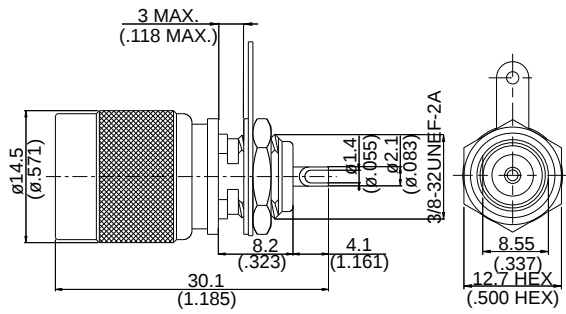


Figure 1

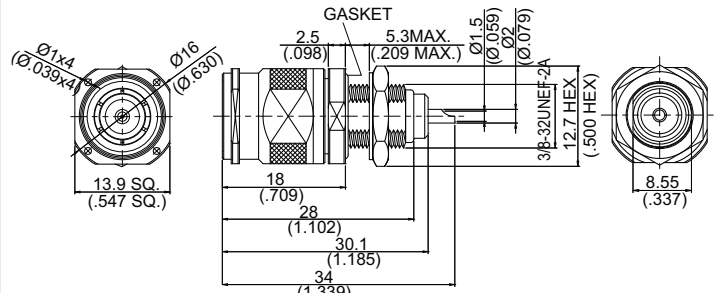


Figure 2

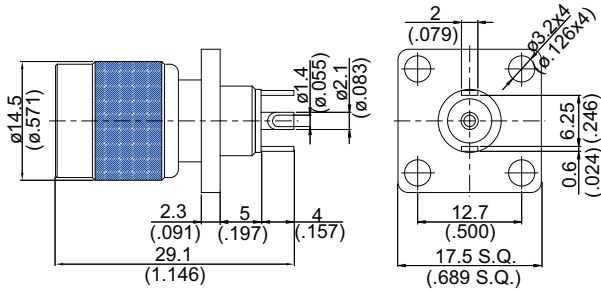


Figure 3

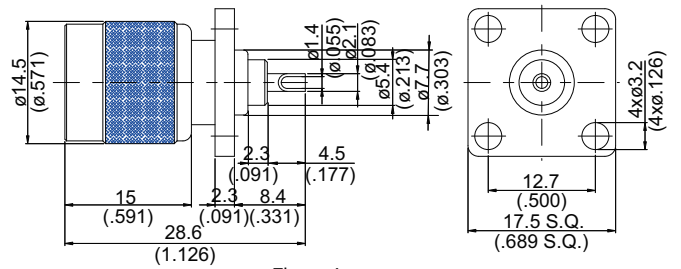


Figure 4

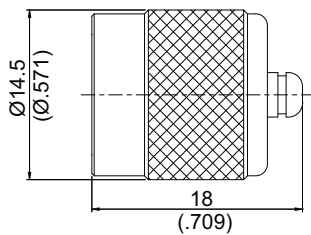


Figure 5

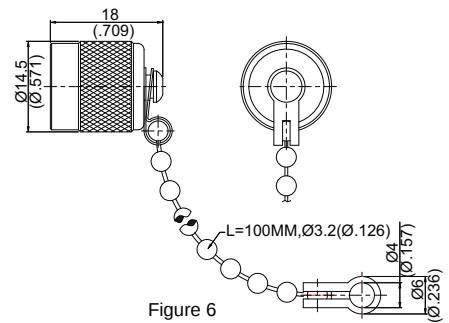


Figure 6

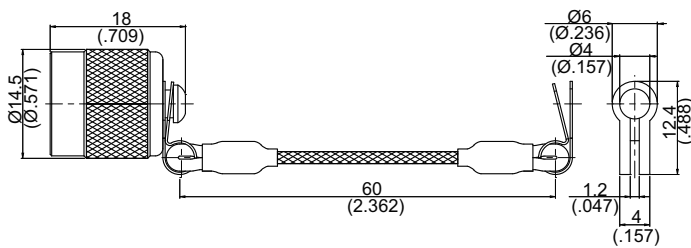


Figure 7

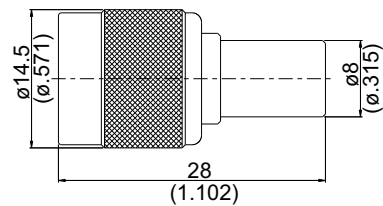
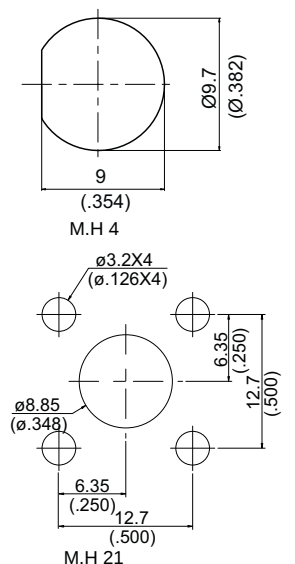


Figure 8

PART NUMBER	Fig.	M.H	Material	Remarks
TNC PLUG FOR BULKHEAD				
TNC3500-0000	1	4	A11	
TNC3575-0000	1	4	A11	75 Ω
TNC3501-0000	2	4	A11	
TNC PLUG FOR PANEL RECEPTACLE				
TNC3642-0000	3	21	A16	No Gasket
TNC6642-0000	3	21	C11	Reverse Polarity Plug; No Gasket
TNC3642R-0000	3	21	A16	R = Reverse Thread; No Gasket
TNC364A-0000	4	21	A11	No Gasket
TNC364A-0075	4	21	A11	No Gasket; 75 Ω
TNC PLUG CAP				
TNC3800A-0000	5		2	IP 65 Compliant
TNC3800-0000	6		2	With Chain
TNC3802-0000	6		2	IP68 Compliant; With Chain
TNC38NY-0000	7		2	With Nylon Cord
TNC PLUG TERMINATOR				
TNC3900-0002	8		A11	2W Average Power; VSWR≤1.2 up to 2GHz
TNC3975-0002	8		A11	2W Average Power; 2=2GHz ; 75 Ω



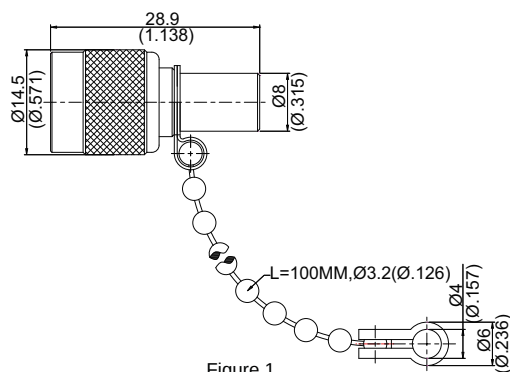


Figure 1

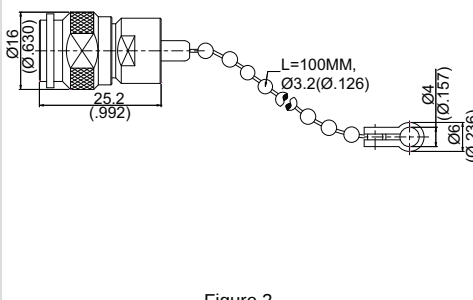


Figure 2

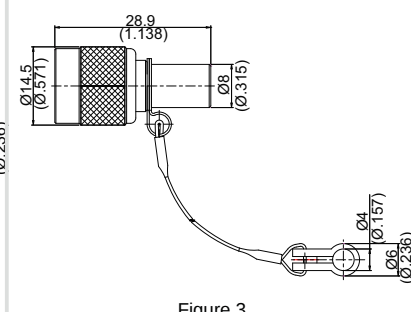


Figure 3

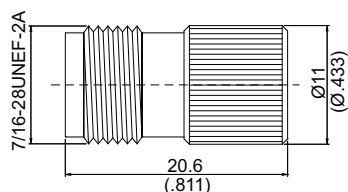


Figure 4

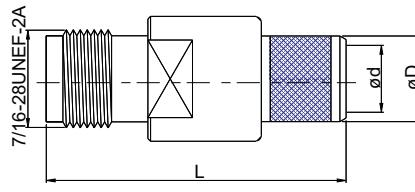


Figure 5

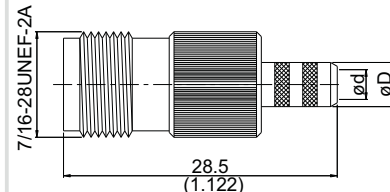


Figure 6

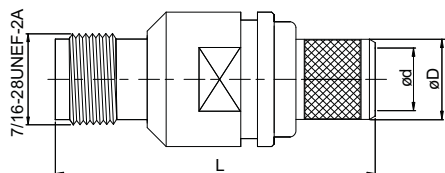


Figure 7

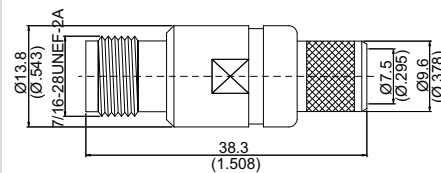


Figure 8

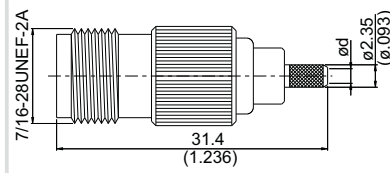


Figure 9

TNC

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
TNC PLUG TERMINATOR									
TNC3980-0002	1			A11					2W Average Power; VSWR≤1.2 up to 2GHz
TNC3980-0006	2			A11					2W Average Power; VSWR≤1.2 up to 6GHz; With Chain
TNC39NY-0002	3			A11					2W Average Power; VSWR≤1.2 up to 2GHz; With nylon Cord
TNC JACK SHORT END									
TNC8000-0000	4			C2					
TNC JACK OPEN									
TNC8A00-0000	4			2					
TNC JACK CRIMP									
TNC9100-0213	5	L=33.6(1.323) ød=7.5(.295) øD=9.6(.378)	213	A2	v*	v*		C7/C4	Reverse Polarity Jack
TNC9100-08DF	5	L=33.6(1.323) ød=7.5(.295) øD=9.6(.378)	8DFB	A2	v			C7	Reverse Polarity Jack
TNC8100-L300	5	L=32.9(1.295) ød=4.95(.195) øD=6.8(.268)	300	C2	v			D3	
TNC9100-L300	5	L=32.9(1.295) ød=4.95(.195) øD=6.8(.268)	300	A2	v			D3	Reverse Polarity Jack
TNC8100-0058	6	ød=3.1 (.122) øD=4.4 (.173)	58	C2	v*	v*		B7/B3	
TNC9100-0058	6	ød=3.1 (.122) øD=4.4 (.173)	58	A2	v*	v		B7/B3	Reverse Polarity Jack
TNC8100-0059	6	ød=3.9 (.154) øD=5.6 (.220)	59	C2	v*	v*		E4/E1	75 Ω
TNC8100-0142	6	ød=3.1 (.122) øD=4.4 (.173)	142	C2	v*	v*		B7/B3	
TNC9100-0142	6	ød=3.1 (.122) øD=4.4 (.173)	142	A2	v*	v*		B7/B3	Reverse Polarity Jack
TNC8100-0223	6	ød=3.1 (.122) øD=4.4 (.173)	223	C2	v*	v*		B8/B4	
TNC9100-0223	6	ød=3.1 (.122) øD=4.4 (.173)	223	A2	v*	v*		B8/B4	Reverse Polarity Jack
TNC8100-03C2	6	ød=3.3 (.130) øD=5.6 (.220)	3C2W	C2	v*	v*		E5/E2	75 Ω
TNC8100-L200	6	ød=3.1 (.122) øD=4.4 (.173)	200	C2	v*	v*		B7/B3	
TNC9100-L200	6	ød=3.1 (.122) øD=4.4 (.173)	200	A2	v*	v*		B7/B3	Reverse Polarity Plug
TNC8100-L240	6	ød=3.9 (.154) øD=5.6 (.220)	240	C2	v*	v*		E4/E3	
TNC9100-L240	6	ød=3.9 (.154) øD=5.6 (.220)	240	A2	v*	v*		E4/E3	Reverse Polarity Jack
TNC8100-L400	7	L=38.5(1.516) ød=7.5(.295) øD=9.6(.378)	400	C2	v*	v*		C7/C5	
TNC9100-L400	7	L=38.5(1.516) ød=7.5(.295) øD=9.6(.378)	400	A2	v*	v*		C7/C5	Reverse Polarity Jack
TNC8100-L600	7	L=43.3(1.705) ød=11.7(.461) øD=14(.551)	600	C2	v			F2	
TNC9100-L600	7	L=43.3(1.705) ød=11.7(.461) øD=14(.551)	600	A2	v			F2	Reverse Polarity Jack
TNC81EZ-L400	8		400	C2			v	C7	
TNC91EZ-L400	8		400	C2			v	C7	Reverse Polarity Jack
TNC8100-0179	9	ød=1.65(.065)	179	C2	v*	v*		A17/A5	75 Ω
TNC8100-0316	9	ød=1.6(.063)	316	C2		v		A5	
TNC9100-0316	9	ød=1.6(.063)	316	A2		v		A5	Reverse Polarity Jack
TNC8100D-0316	9	ød=1.6(.063)	316D	C2		v		A5	
TNC8100-L100	9	ød=1.7(.067)	100	C2		v		A5	
TNC9100-L100	9	ød=1.7(.067)	100	A2		v		A5	Reverse Polarity Jack

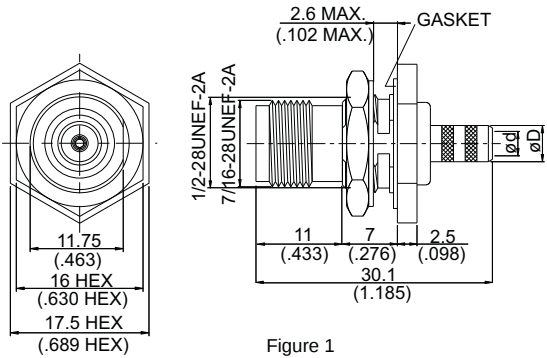


Figure 1

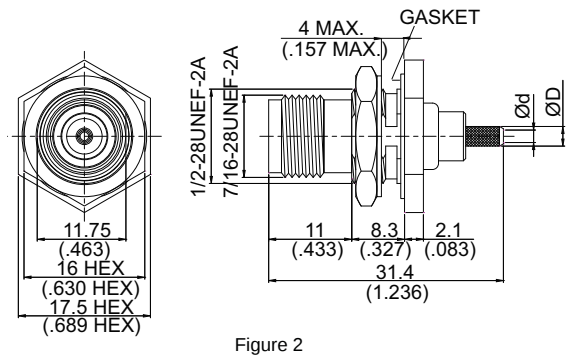


Figure 2

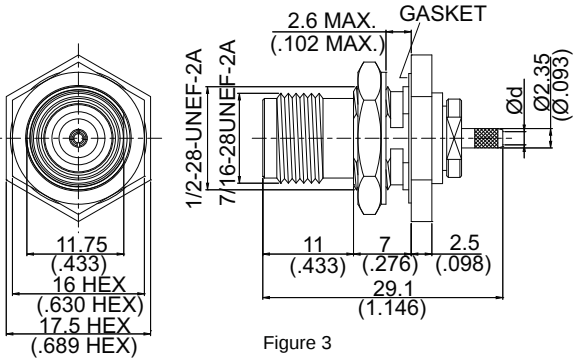


Figure 3

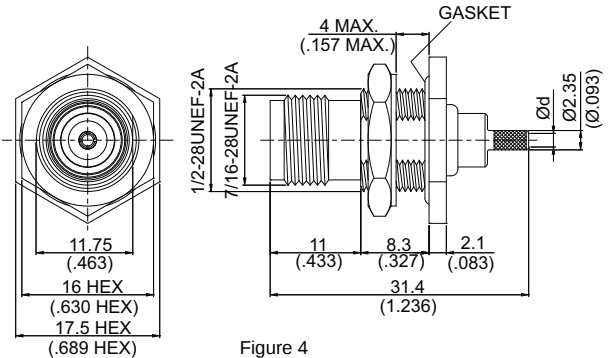


Figure 4

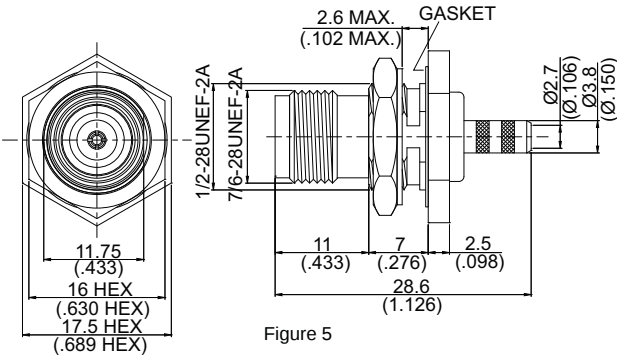


Figure 5

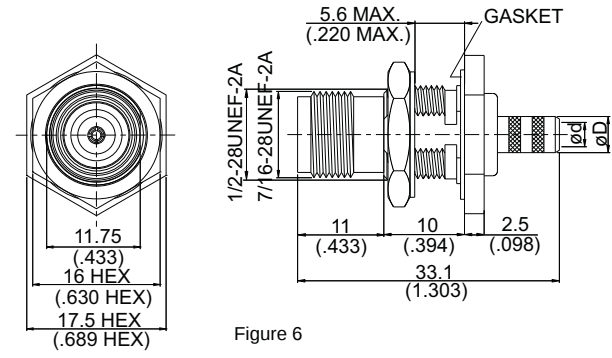
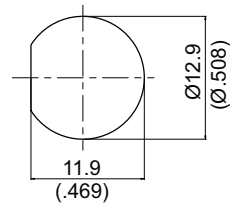


Figure 6

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
TNC JACK CRIMP FOR BULKHEAD								
TNC8105-0058	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	58	C2	v*	v*	B7/B3
TNC9105-0058	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	58	A2	v*	v*	B7/B3
TNC8105-0059	1	Ød=3.9 (.154) ØD=5.6 (.220)	5	59	C2	v*	v*	E4/E1
TNC9105-0059	1	Ød=3.9 (.154) ØD=5.6 (.220)	5	59	A2	v*	v*	E4/E1
TNC8105-0142	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	142	C2	v*	v*	B7/B3
TNC9105-0142	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	142	A2	v*	v*	B7/B3
TNC8105-0223	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	223	C2	v*	v*	B8/B4
TNC9105-0223	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	223	A2	v*	v*	B8/B4
TNC8105-03C2	1	Ød=3.3 (.130) ØD=5.6 (.220)	5	3C2W	C2	v*	v*	E5/E2
TNC8105-L200	1	Ød=3.1 (.122) ØD=4.4 (.173)	5	200	C2	v*	v*	B7/B3
TNC8105-0179	2	Ød=1.65 (.065) ØD=2.35 (.093)	5	179	C2	v*	v*	A17/A5
TNC8105WP-0179	2	Ød=1.65 (.065) ØD=2.35 (.093)	5	179	C2	v*	v*	A17/A5
TNC8105-0316	2	Ød=1.6 (.063) ØD=2.35 (.093)	5	316	C2	v	v	A5
TNC8105WP-0316	2	Ød=1.6 (.063) ØD=2.35 (.093)	5	316	C2	v	v	A5
TNC9105-0316	2	Ød=1.6 (.063) ØD=2.35 (.093)	5	316	A2	v	v	A5
TNC8105A-0316	2	Ød=1.6 (.063) ØD=2.35 (.093)	5	316	C2	v	v	A5
TNC8105D-0316	2	Ød=1.6 (.063) ØD=2.35 (.093)	5	316D	C2	v	v	A5
TNC8105-L100	2	Ød=1.7 (.067) ØD=2.35 (.093)	5	100	C2	v	v	A5
TNC8105-L240	2	Ød=3.9 (.154) ØD=5.6 (.220)	5	240	C2	v*	v*	E4/E1
TNC9105-L240	2	Ød=3.9 (.154) ØD=5.6 (.220)	5	240	A2	v*	v*	E4/E1
TNC8105E-0316	3	Ød=1.6 (.063)	5	316	C2	v*	v*	A17/A16
TNC8105ED-0316	3	Ød=1.6 (.063)	5	316D	C2	v*	v*	A17/A16
TNC8105E-L100	3	Ød=1.7 (.067)	5	100	C2	v*	v*	A17/A16
TNC8105F-0316	4	Ød=1.6 (.063)	5	316	C2	v	v	A5
TNC8105FD-0316	4	Ød=1.6 (.063)	5	316D	C2	v	v	A5
TNC8105F-L100	4	Ød=1.7 (.067)	5	100	C2	v	v	A5
TNC8105-0122	5		5	122	C2	v*	v*	D5/D1
TNC9105-0122	5		5	122	A2	v*	v*	D5/D1
TNC8105L-0058	6	Ød=3.1 (.122) ØD=4.4 (.173)	5	58	C2	v*	v*	B7/B3
TNC8105L-0059	6	Ød=3.9 (.154) ØD=5.6 (.220)	5	59	C2	v*	v*	E4/E1
TNC8105L-0142	6	Ød=3.1 (.122) ØD=4.4 (.173)	5	142	C2	v*	v*	B7/B3
TNC8105L-0223	6	Ød=3.1 (.122) ØD=4.4 (.173)	5	223	C2	v*	v*	B8/B4



M.H 5

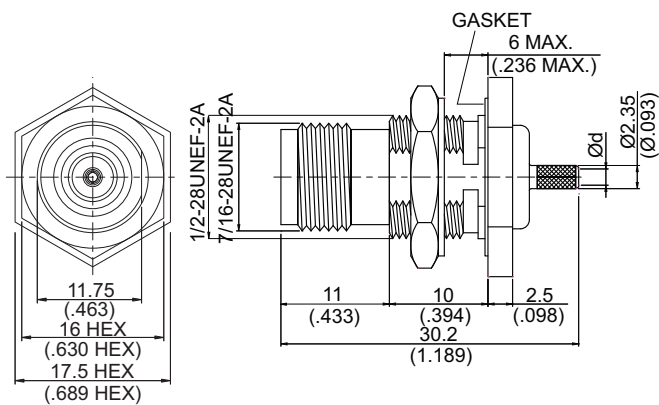


Figure 1

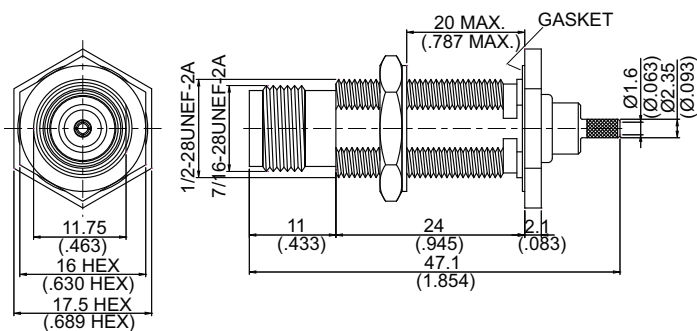


Figure 2

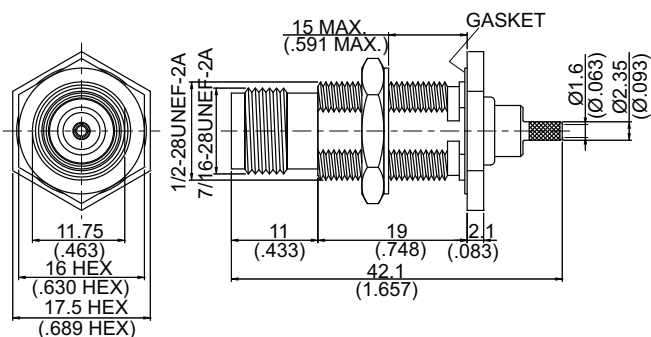


Figure 3

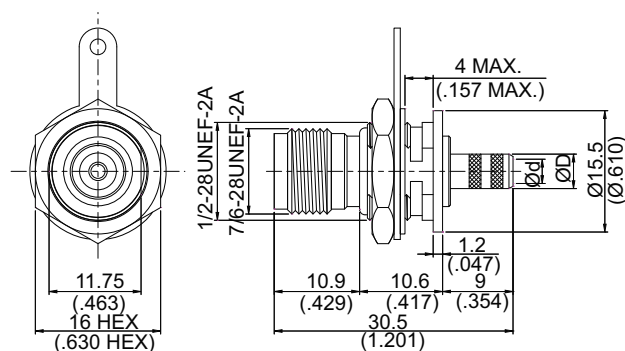


Figure 4

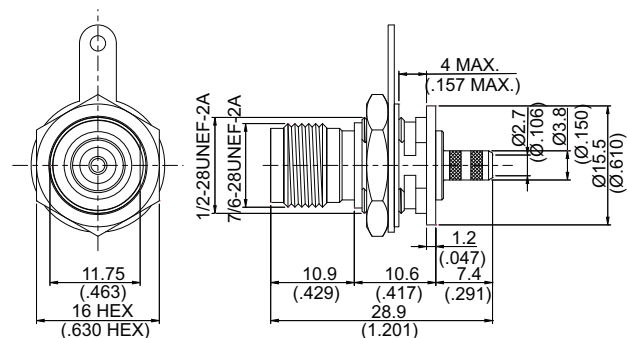


Figure 5

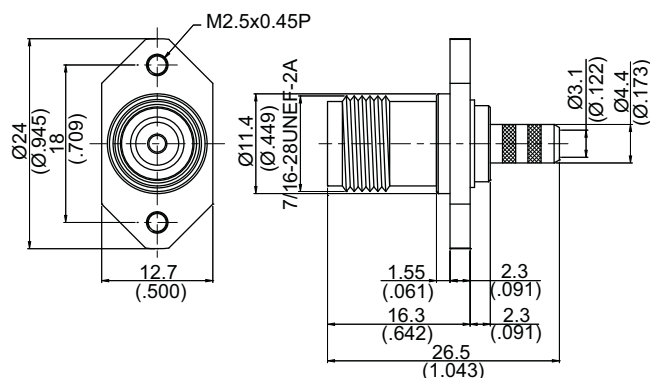
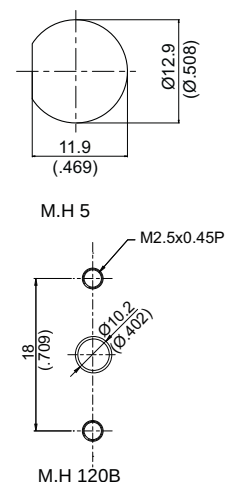


Figure 6

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
TNC JACK CRIMP FOR BULKHEAD									
TNC8105L-0179	1	ød=1.65(.065)	5	179	C2	v*	v*	A17/A5	75 Ω
TNC8105L-0316	1	ød=1.6(.063)	5	316	C2		v	A5	
TNC8105LD-0316	1	ød=1.6(.063)	5	316D	C2		v	A5	
TNC8105L-L100	1	ød=1.7(.067)	5	100	C2		v	A5	
TNC8105L1-0316	2		5	316	C2		v	A5	
TNC8105L2-0316	3		5	316	C2		v	A5	
TNC ISOLATED JACK CRIMP FOR BULKHEAD									
TNC8105T-0058	4	ød=3.1 (.122) øD=4.4 (.173)	5	58	C2	v*	v*	B7/B3	Isolator Ground
TNC8105T-0059	4	ød=3.9 (.154) øD=5.6 (.220)	5	59	C2	v*	v*	E4/E1	Isolator Ground; 75 Ω
TNC8105T-0142	4	ød=3.1 (.122) øD=4.4 (.173)	5	142	C2	v*	v*	B7/B3	Isolator Ground
TNC8105T-0223	4	ød=3.1 (.122) øD=4.4 (.173)	5	223	C2	v*	v*	B8/B4	Isolator Ground
TNC8105T-0179	5		5	179	C2	v*	v*	D5/D1	Isolator Ground; 75 Ω
TNC8105T-0122	5		5	122	C2	v*	v*	D5/D1	Isolator Ground
TNC8105T-0316	5		5	316	C2	v*	v*	D5/D1	Isolator Ground
TNC8105T-L100	5		5	100	C2	v*	v*	D5/D1	Isolator Ground
TNC JACK CRIMP FOR PANEL RECEPTACLE									
TNC8126-L195	6		120B	58	C2	v*	v*	B7/B3	
TNC9126-L195	6		120B	58	A2	v*	v*	B7/B3	Reverse Polarity Jack



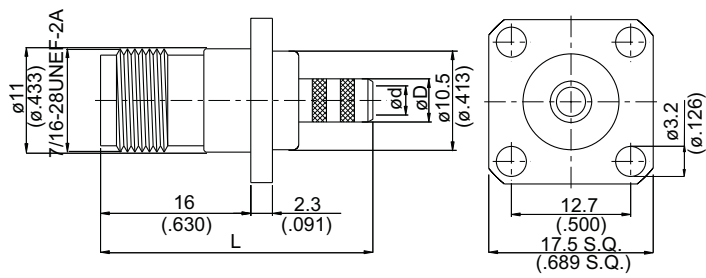


Figure 1

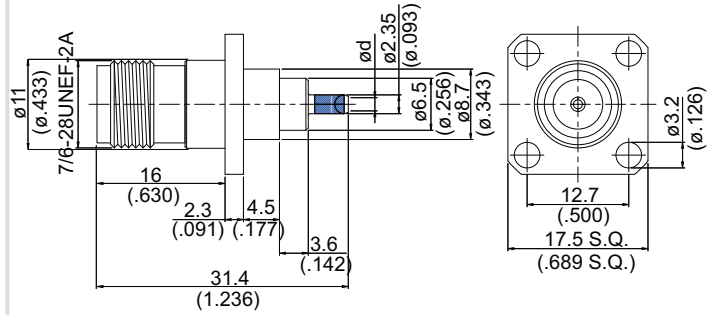


Figure 2

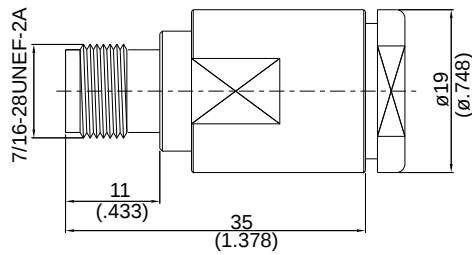


Figure 3

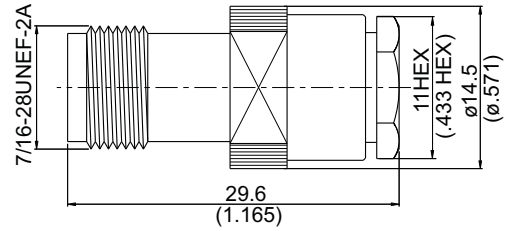


Figure 4

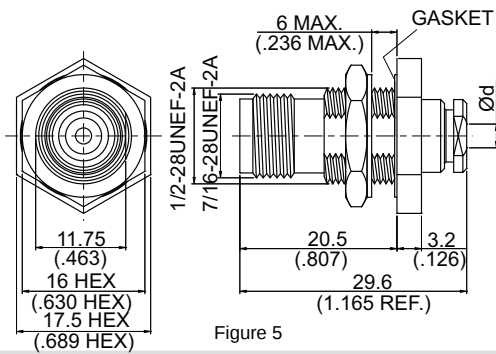


Figure 5

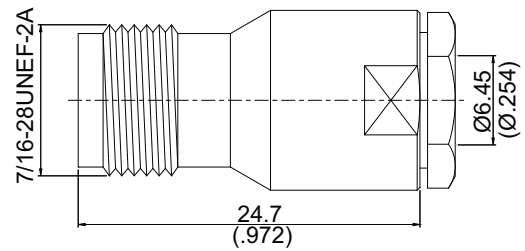
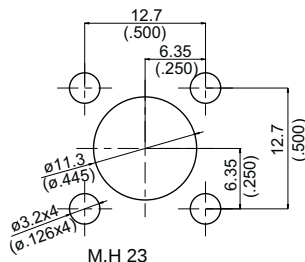
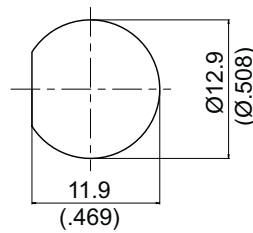


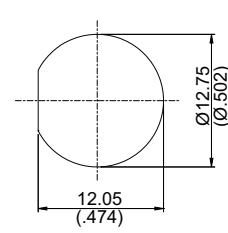
Figure 6



M.H 23



M.H 5



M.H 157

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
TNC JACK CRIMP FOR PANEL RECEPTACLE								
TNC8146-0058	1	L=29 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	59	C2	v*	v*	B7/B3
TNC8146-0059	1	L=29 (1.142) ød=3.9 (.154) øD=5.6 (.220)	23	59	C2	v*	v*	E4/E1
TNC8146-0122	1	L=27.5 (1.083) ød=2.7 (.106) øD=3.8 (.150)	23	122	C2	v*	v*	D5/D1
TNC8146-0142	1	L=29 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	142	C2	v*	v*	B7/B3
TNC8146-0142/G	1	L=29 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	142	C1	v*	v*	B7/B3
TNC8146-0223	1	L=29 (1.142) ød=3.1 (.122) øD=4.4 (.173)	23	223	C2	v*	v*	B8/B4
TNC8146-0179	2	ød=1.65 (.065)	23	179	C2	v*	v*	A17/A5
TNC8146-0316	2	ød=1.6 (.063)	23	316	C2	v	v	A5
TNC8146-L100	2	ød=1.7 (.067)	23	100	C2	v	v	A5
TNC JACK CLAMP								
TNC8200B-0011	3			11	C2	v	v	75 Ω
TNC8200B-0214	3			214	C2	v	v	
TNC8200B-0058	4			58&142	C2	v*	v*	A14
TNC8200B-0059	4			59	C2	v	v	75 Ω
TNC JACK CLAMP FOR BULKHEAD								
TNC8205-0316/HS	5	ød=2.7 (.106)	157	316	C2	v	v	Hermetically Sealed
TNC8205D-0316/HS	5	ød=3.1 (.122)	157	316D	C2	v	v	Hermetically sealed
TNC JACK SOLDER CLAMP								
TNC8300-0250/18	6			.250	B2	v	v	

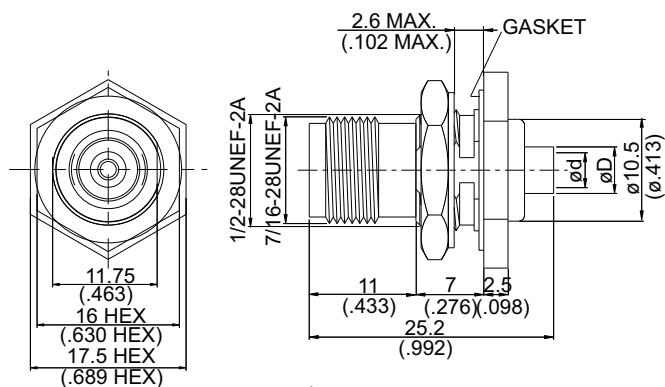


Figure 1

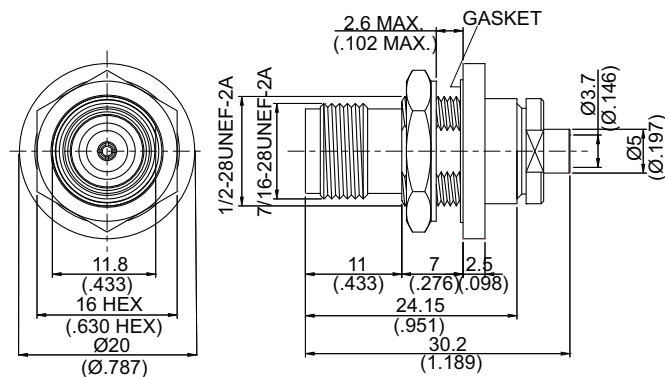


Figure 2

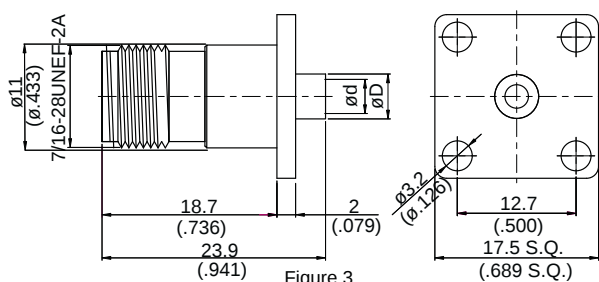


Figure 3

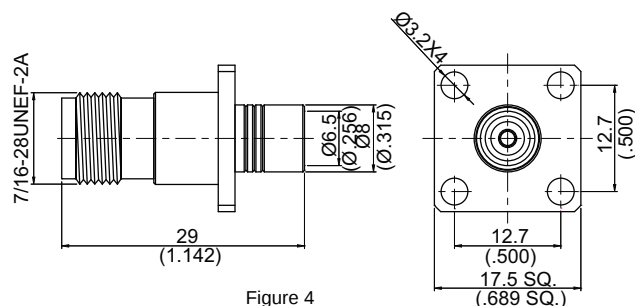


Figure 4

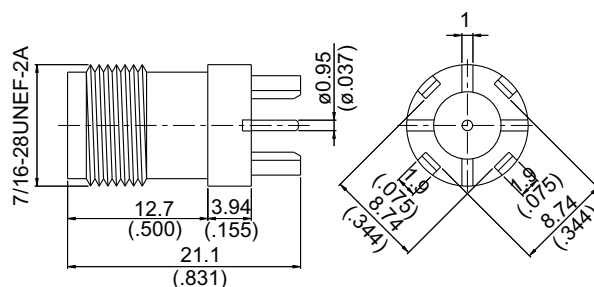


Figure 5

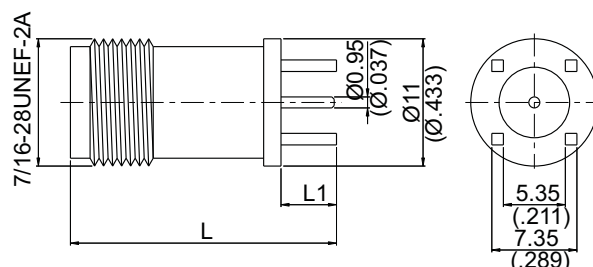
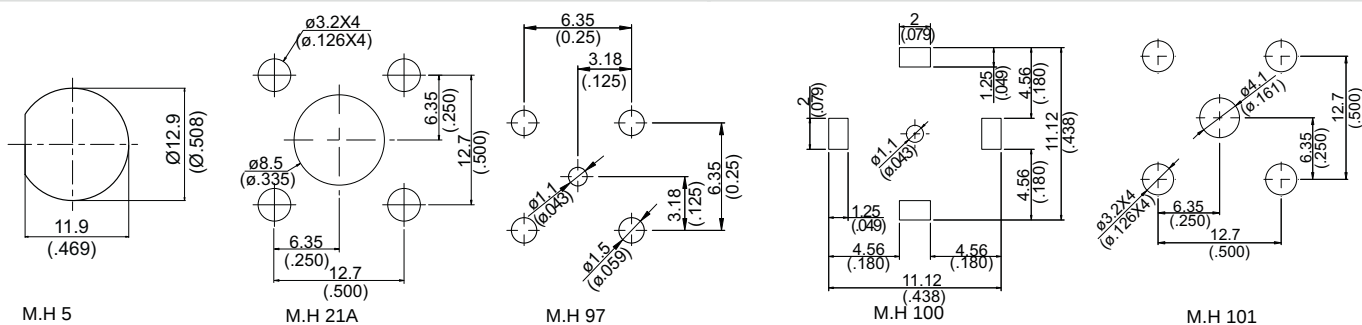


Figure 6



M.H 5

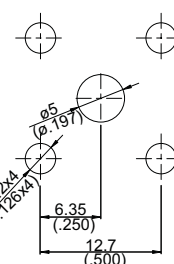
M.H 21A

M.H 97

M.H 100

M.H 101

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
TNC JACK SOLDER FOR BULKHEAD								
TNC8305-0085	1	ød=2.3 (.091) øD=4 (.157)	5	.085	C2	v		IP67 Compliant When Mated Reverse Polarity Jack
TNC8305WP-0085	1		5	.085	C2	v		
TNC9305-0085	1	ød=2.3 (.091) øD=4 (.157)	5	.085	A2	v		
TNC8305-0141	1	ød=3.65 (.144) øD=5 (.197)	5	.141	C2	v		
TNC8305-0141/EP	2		5	.141	C2	v		Epoxy captivated pin/teflon
TNC JACK SOLDER FOR PANEL RECEPTACLE								
TNC8346-0085	3	ød=2.3 (.091) øD=3.0 (.118)	101	.085	C2	v		
TNC8346-0141	3	ød=3.65 (.144) øD=4.8 (.189)	54	.141	C2	v		
TNC8346-0250	4		21A	.250	C2	v		
TNC JACK P.C.B MOUNT								
TNC8400-0000	5		100		C2			
TNC8475-0000	5		100		C2			75 Ω
TNC8400A-0000	6	L=18.2 (.717) L1=4.5(.177)	97		B2			
TNC8475A-0000	6	L=18.2 (.717) L1=4.5(.177)	97		B2			75 Ω
TNC8400D-0000	6	L=22.65 (.892) L1=4.8(.189)	97		B2			
TNC8475D-0000	6	L=22.65 (.892) L1=4.8(.189)	97		B2			75 Ω



M.H 54

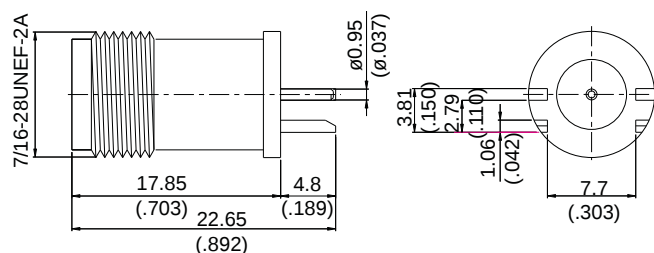


Figure 1

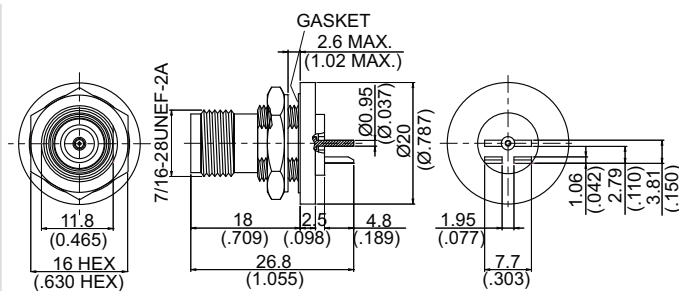


Figure 2

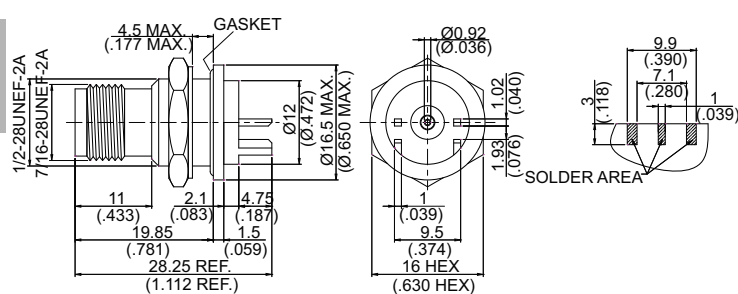


Figure 3

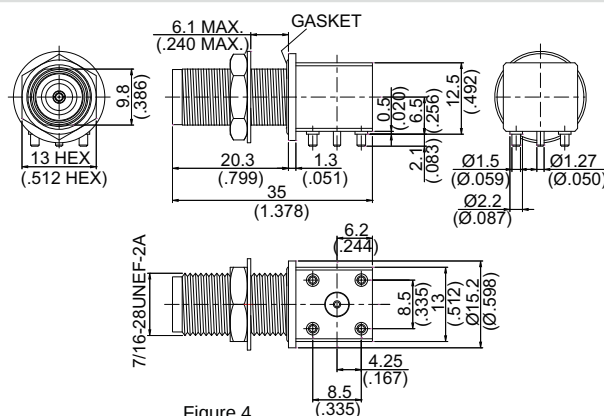


Figure 4

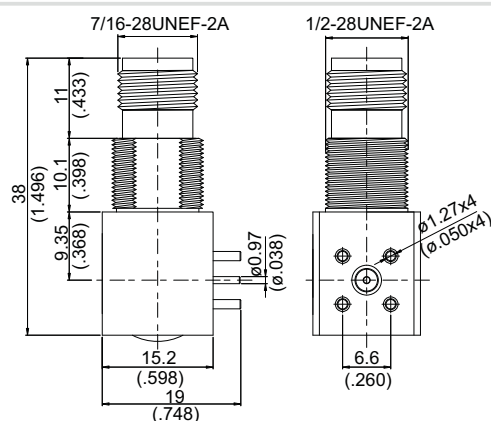


Figure 5

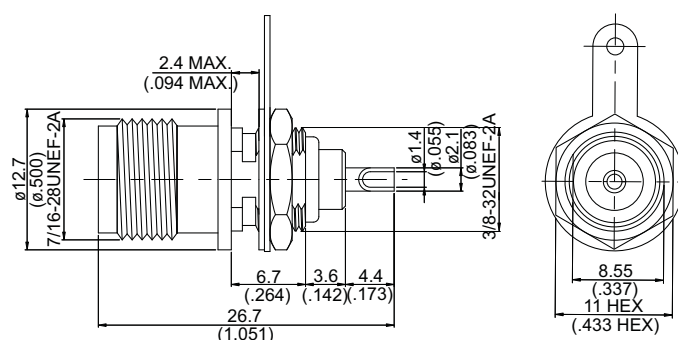
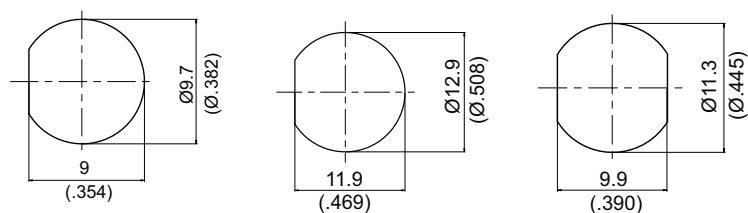


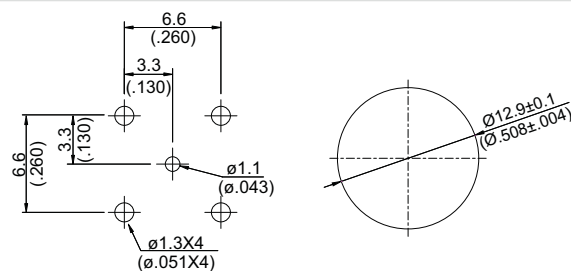
Figure 6



M.H 4

M.H 5

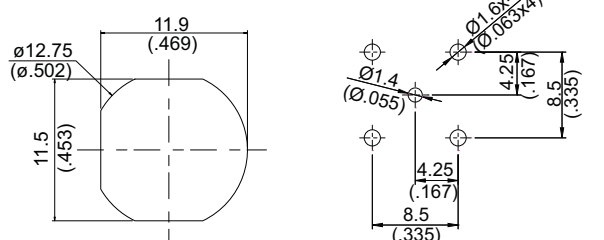
M.H 7B



M.H 49

M.H 91B

PART NUMBER	Fig.	M.H	Material	Remarks
TNC JACK P.C.B EDGE MOUNT				
TNC9401D-0000	1		A2	Reverse Polarity Jack
TNC JACK P.C.B EDGE MOUNT FOR BULKHEAD				
TNC9405-0000	2	5	A2	Reverse Polarity Jack
TNC9405A-0000	3	91B	A2	Reverse Polarity Jack
TNC JACK P.C.B MOUNT FOR BULKHEAD RIGHT ANGLE				
TNC8405-9000	4	7B&164	B2	
TNC94D0-9000	5	49&128	A17	Reverse Polarity Jack
TNC JACK FOR BULKHEAD				
TNC8550-0000	6	4	C2	
TNC8550B-0000	6	4	C2	With Gasket
TNC8575-0000	6	4	C2	75 Ω
TNC8575B-0000	6	4	C2	With Gasket. 75 Ω



M.H 128

M.H 164

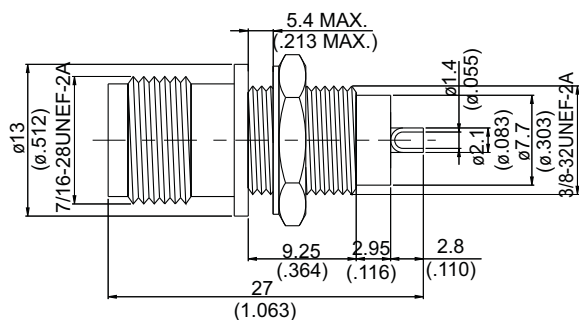


Figure 1

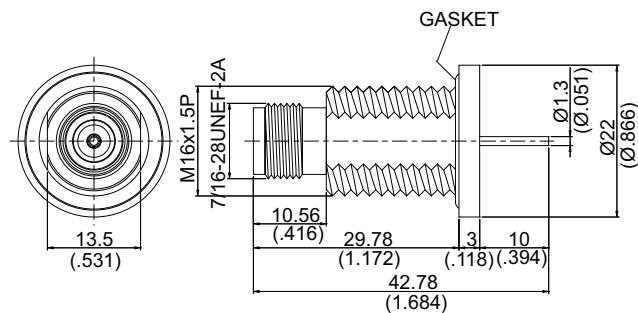


Figure 2

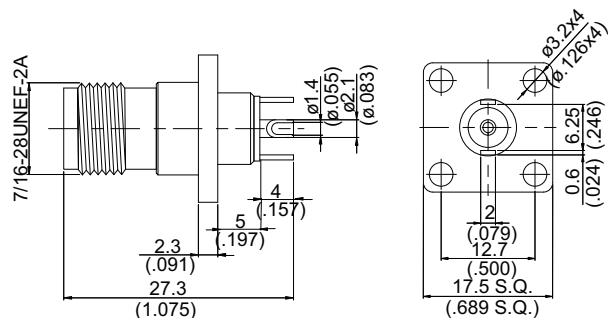


Figure 3

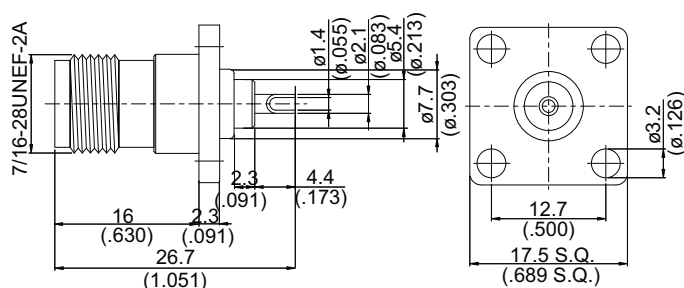


Figure 4

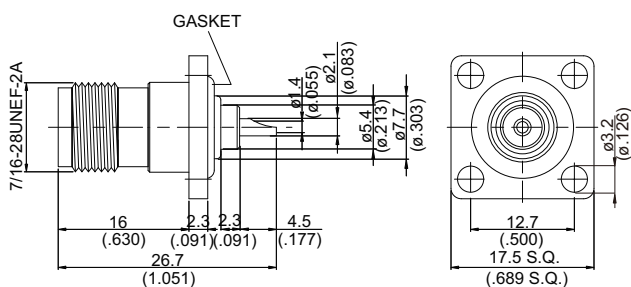


Figure 5

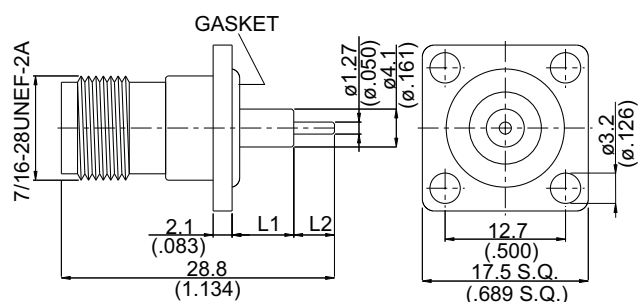
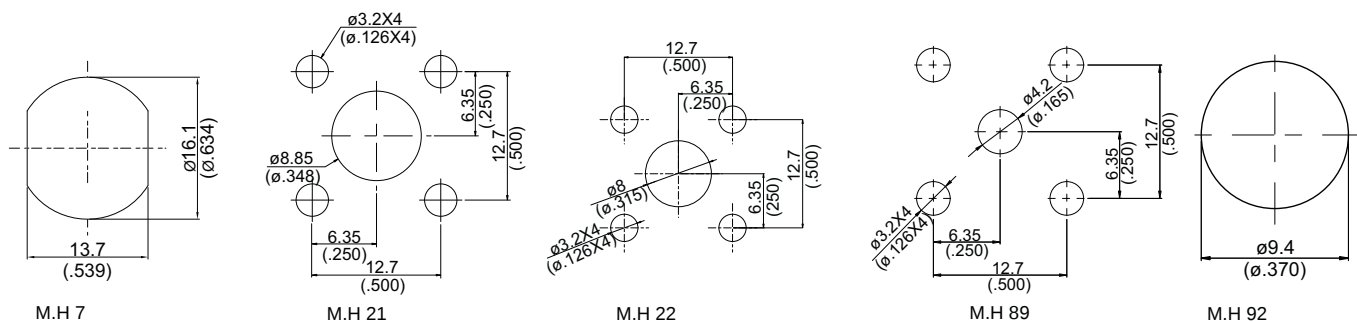


Figure 6



PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
TNC JACK FOR BULKHEAD					
TNC8500-0001	1		92	C2	No Gasket
TNC85TI-0000	2		7	C2	
TNC85TIS-0000	2		7	C3	Stainless
TNC JACK FOR PANEL RECEPTACLE					
TNC8642-0000	3		21	C17	No Gasket
TNC9642-0000	3		21	A17	Reverse Polarity Jack; No Gasket
TNC864A-0000	4		22	C2	No Gasket
TNC864A-0075	4		22	C2	75 Ω ; No Gasket
TNC964A-0000	4		22	A2	Reverse Polarity Jack; No Gasket
TNC864B-0000	5		22	C2	Insulator Ground
TNC864L-0000	6	L1=6.5 (.256) L2=4.3 (.169)	89	C2	
TNC864L1-0000	6	L1=9.1 (.358) L2=1.7 (.067)	89	C2	
TNC964L-0000	6	L1=6.5 (.256) L2=4.3 (.169)	89	A2	Reverse Polarity Jack
TNC864L-0075	6	L1=6.5 (.256) L2=4.3 (.169)	89	C2	75 Ω

Material & Plating: See Page 374

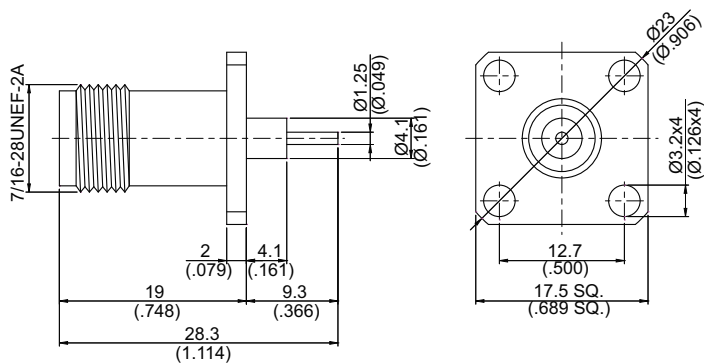


Figure 1

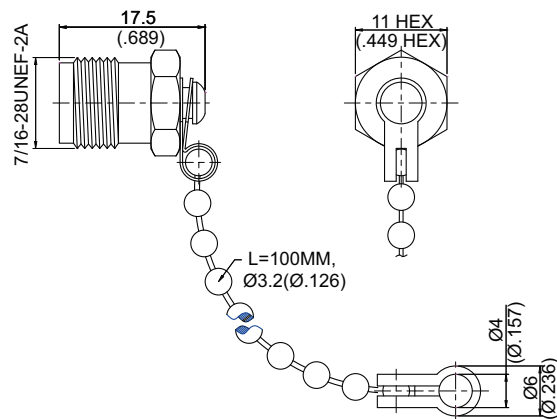


Figure 2

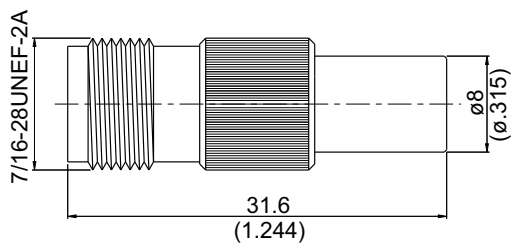


Figure 3

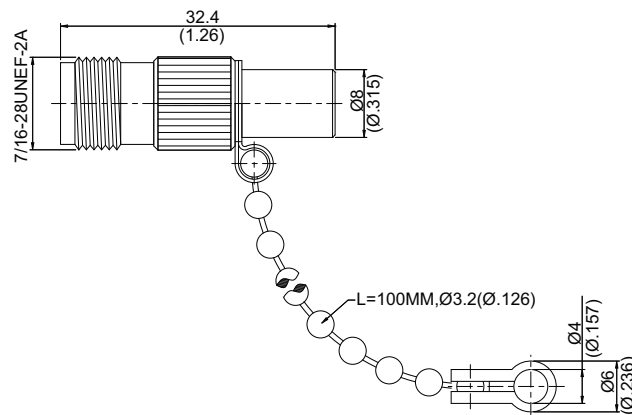


Figure 4

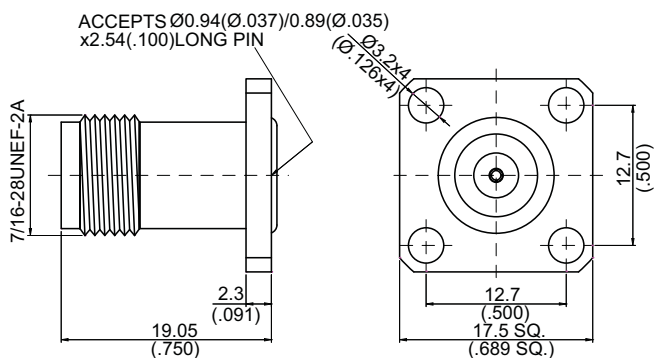
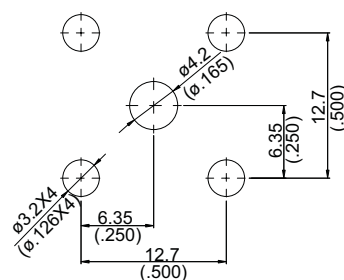


Figure 5



M.H 89

PART NUMBER	Fig.	M.H	Material	Remarks
TNC JACK FOR PANEL RECEPTACLE				
TNC864L2-0000	1	89	B2	No Gasket
TNC JACK CAP				
TNC8800-0000	2		2	
TNC JACK TERMINATOR				
TNC8900-0002	3		C2	2W Average Power; VSWR≤1.2 up to 2GHz
TNC8900-0003	3		C2	2W Average Power; VSWR≤1.2 up to 3GHz
TNC8975-0002	3		C2	2W Average Power; 2=2GHz ;75Ω
TNC8980-0002	4		C2	2W Average Power; VSWR≤1.2 up to 2GHz; With Chain
TNC JACK 4HOLE FLANGE FIELD RECEPTACLE				
TNC8F46S-0036	5		B3	

N SERIES Coaxial Connectors

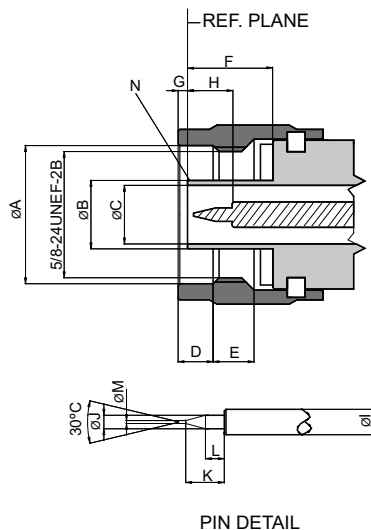
FEATURES

The type N coaxial connector continues to maintain its popularity for microwave applications. This standard size coaxial connector has experienced improved design over the years. Designed for use in all systems where very good R.F. and mechanical performance is critical whether it be at low or high frequencies, particularly used on panels leading from the miniature types on the inside of the equipment.

N connectors are available with 50 Ω or 75 Ω impedance. The useful frequency range extends to 11GHz, depending on the connector and cable type. The screw type coupling mechanism provides a sturdy and reliable connection. Inner conductors of 75 Ω have a smaller diameter than those of 50 Ω . Therefore 50 Ω and 75 Ω connectors should not be mated with each other.

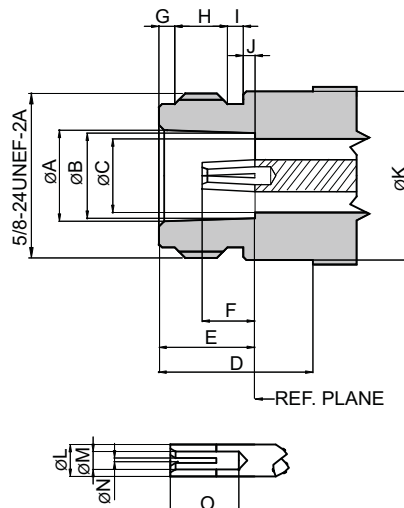
50 Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	16.00(.630)	—
B	7.98(.3140)	8.04(.3165)
C	6.99(.2753)	7.01(.2759)
D	4.01(.158)	4.27(.168)
E	4.50(.177)	5.00(.197)
F	9.19(.362)	9.45(.372)
G	0.28(.011)	1.30(.051)
H	5.28(.208)	5.36(.211)
I	3.03(.1194)	3.05(.1200)
J	1.64(.0644)	1.67(.0658)
K	4.52(.178)	
L	1.78(.070)	2.03(.080)
M	0.25(.010)	0.76(.030)
N	0.13(.005)	0.20(.008)

JACK:

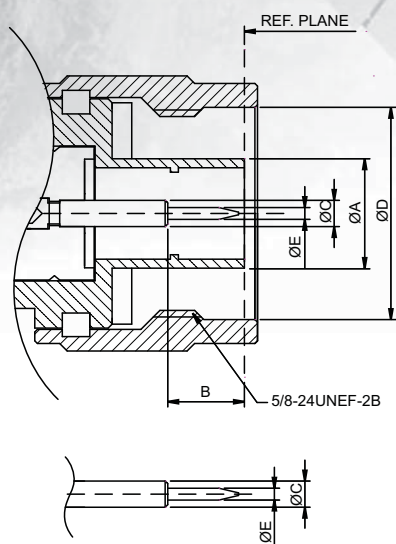


Letter	Millimeters(Inch)	
	Minimum	Maximum
A	8.53(.336)	8.74(.344)
B	8.05(.317)	8.10(.319)
C	6.99(.2753)	7.01(.2759)
D	11.23(.442)	—
E	9.07(.357)	9.17(.361)
F	5.18(.204)	5.26(.207)
G	1.19(.047)	1.96(.077)
H	4.57(.180)	5.59(.220)
I	1.02(.040)	2.03(.080)
J	0.51(.020)	1.02(.040)
K	—	15.93(.627)
L	3.03(.1194)	3.05(.1200)
M	1.8(.0709)	1.86(.0731)
N	0.24(.0095)	0.32(.0125)
O	9.4(.370)	—

Note: Jyebao N connectors meet the interface requirements of MIL-STD-348A

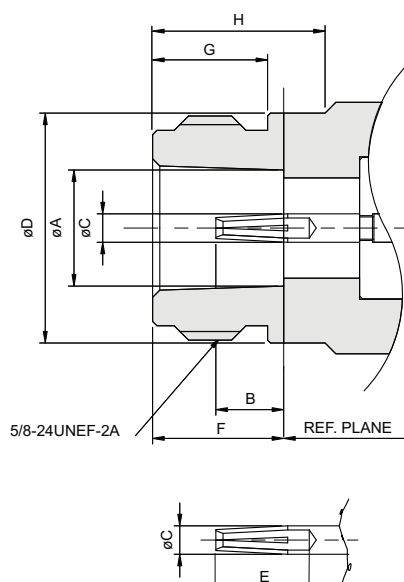
75Ω INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	–	8.38(.330)
B	5.33(.210)	5.84(.230)
C	–	2.00(.079)
D	16.00(.630)	–
E	1.00(.039)	1.05(.041)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	8.03(.316)	8.13(.320)
B	4.75(.187)	5.26(.207)
C	–	2.00(.079)
D	–	15.93(.627)
E	5.33(.210)	–
F	9.04(.356)	9.19(.362)
G	6.76(.266)	–
H	10.72(.422)	–

TECHNICAL DATA

Electrical Data	50Ω N	75Ω N
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1500	
Working Voltage (at sea level, in V rms, 50Hz)	≤1000	
Impedance	50 Ω	75Ω
Frequency Range	DC up to 11 GHz	DC up to 1.5 GHz
Insulation Resistance	≥5000MΩ	
Contact Resistance Inner Conductor	≤1mΩ	
Contact Resistance Outer Conductor	≤1mΩ	

Mechanical Data (50Ω & 75Ω)	
Recommended Coupling Nut Torque	6 to 10 in.-lbs
Coupling Proof Torque	15 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.3 lbs
Durability(matings)	≥500

Environmental Data (50Ω & 75Ω)	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

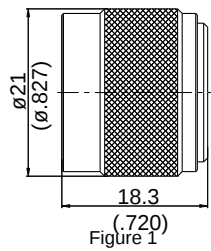


Figure 1

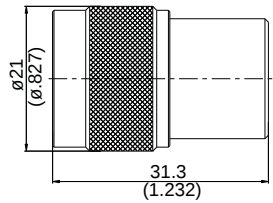


Figure 2

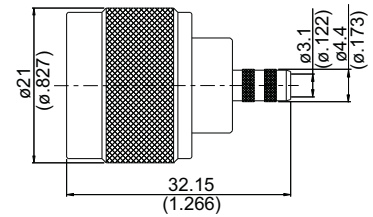


Figure 3

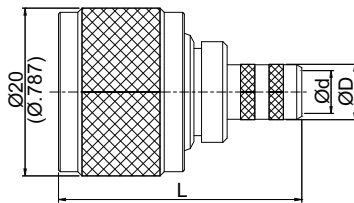


Figure 4

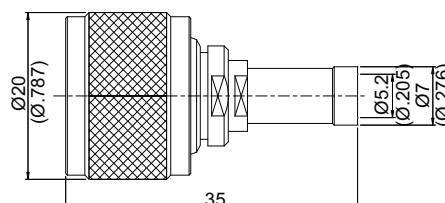


Figure 5

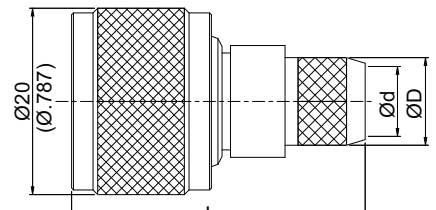


Figure 6

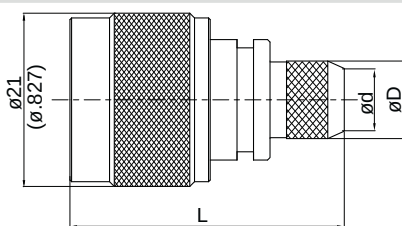


Figure 7

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
N PLUG SHORT END									
N3000-0000	1			C13					
N PLUG OPEN									
N3A00-0000	2			7					
N PLUG CRIMP									
N3100B-0006	4	L=29(1.142) Ød=5.1(.201) ØD=6.6(.260)	6	A11	v*	v*		A13/D4	75 Ω;Replaces N3100-0006
N3100B-0058	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	58	A11	v*	v*		B7/B3	Replaces N3100-0058
N3100BR-0058	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	58	A11	v*	v*		B7/B3	Reverse Thread;Replaces N3100R-0058
N6100-0058	3		58	C11	v*	v*		B7/B5	Reverse polarity plug
N3100BA-0058	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	58	A11	v*	v*		B7/B3	Hex Nut;Replaces N3100A-0058
N3100B-0059	4	L=28(1.102) Ød=3.9(.154) ØD=5.6(.220)	59	A11	v*	v*		A13/E4	75 Ω;Replaces N3100-0059
N3100BA-0059	4	L=28(1.102) Ød=3.9(.154) ØD=5.6(.220)	59	A11	v*	v*		A13/E4	Hex Nut; 75 Ω;Replaces N3100A-0059
N3100B-0142	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	142	A11	v*	v*		B7/B3	Replaces N3100-0142
N3100BA-0142	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	142	A11	v*	v*		B7/B3	Hex Nut;Replaces N3100A-0142
N3100B-0223	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	223	A11	v*	v*		B8/B4	Replaces N3100-0223
N3100BA-0223	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	223	A11	v*	v*		B8/B4	Hex Nut;Replaces N3100A-0223
N3100B-JBY59	4	L=28(1.102) Ød=3.9(.154) ØD=5.6(.220)	59L	A11	v*	v*		A13/E4	75 Ω
N3100B-0058/HS	5		58	A11	v*	v*		B7/B3	IP68 Compliant When Mated;Replaces;N3100-0058/HS
N3100B-0142/HS	5		142	A11	v*	v*		E4/E1	IP68 Compliant When Mated;Replaces N3100-0142/HS
N3100B-0223/HS	5		223	A11	v*	v*		E4/E1	IP68 Compliant When Mated;Replaces N3100-0223/HS
N3100B-0213	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	213	A11	v*	v*		C7/C4	Replaces N3100-0213
N3100BA-0213	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	213	A11	v*	v*		C7/C4	Hex Nut;Replaces N3100A-0213
N3100B-0214	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	214	A11	v*	v*		C7/C4	Replaces N3100-0214
N3100BA-0214	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	214	A11	v*	v*		C7/C4	Hex Nut;Replaces N3100A-0214
N3100B-0008	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	8	A11	v*	v*		C7/C4	52 Ω;Replaces N3100-0008
N3100BA-0008	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.6(.378)	8	A11	v*	v*		C7/C4	Hex Nut; 52 Ω;Replaces N3100A-0008
N3100B-0011	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.4(.370)	11	A11	v*	v*		C7/C2	75 Ω;Replaces N3100-0011
N3100BA-0011	6	L=31.5(1.240) Ød=7.5(.295) ØD=9.4(.370)	11	A11	v*	v*		C7/C2	Hex Nut; 75 Ω;Replaces N3100A-0011
N3100B-L300	4	L=28.1(1.106) Ød=5.2(.205) ØD=7.25(.285)	300	A11		v		D0	Replaces N3100-L300
N3100B-08DF	6	L=31.9(1.256) Ød=8(.315) ØD=10(.393)	8DFB	A11		v		C5	Replaces N3100-08DF
N6100-08DF	7	L=33.2(1.307) Ød=8(.315) ØD=10(.393)	8DFB	C11	v			C7	Reverse Polarity Plug
N3100B-L200	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	200	A11	v*	v*		B7/B3	Replaces N3100-L200
N3100BA-L200	4	L=27.4(1.079) Ød=3.1(.122) ØD=4.4(.173)	200	A11	v*	v*		B7/B3	Hex Nut;Replaces N3100A-L200
N6100-L200	7	L=32.15(1.266) Ød=3.1(.122) ØD=4.4(.173)	200	C11	v*	v*		B7/B5	Reverse Polarity Plug
N6100A-L200	7	L=32.15(1.266) Ød=3.1(.122) ØD=4.4(.173)	200	C11	v*	v*		B7/B5	Hex Nut;Reverse Polarity Plug
N3100B-L240	4	L=28.5(1.122) Ød=3.9(.154) ØD=5.6(.220)	240	A11		v		E1	Replaces N3100-L240
N3100BA-L240	4	L=28.5(1.122) Ød=3.9(.154) ØD=5.6(.220)	240	A11		v		E1	Hex Nut;Replaces N3100A-L240
N6100-L240	7	L=33.35(1.313) Ød=3.9(.154) ØD=5.6(.220)	240	C11	v			E4	Reverse Polarity Plug
N6100A-L240	7	L=33.35(1.313) Ød=3.9(.154) ØD=5.6(.220)	240	C11	v			E4	Hex Nut;Reverse Polarity Plug
N31BEZ-L400	6	L=31.9(1.256) Ød=7.5(.295) ØD=9.6(.378)	400	A11			v	C7	Replaces N31EZ-L400
N61EZ-L400	7	L=33.2(1.307) Ød=7.5(.295) ØD=9.6(.378)	400	C11			v	C7	Reverse Polarity Plug
N3100B-L400	6	L=31.9(1.256) Ød=7.5(.295) ØD=9.6(.378)	400	A11		v		C5	Replaces N3100-L400
N3100BA-L400	6	L=31.9(1.256) Ød=7.5(.295) ØD=9.6(.378)	400	A11		v		C5	Hex Nut;Replaces N3100A-L400
N6100-L400	7	L=32(1.260) Ød=7.5(.295) ØD=9.6(.378)	400	C11	v			C7	Reverse polarity plug
N6100A-L400	7	L=33.25(1.309) Ød=7.5(.295) ØD=9.6(.378)	400	C11	v			C7	Hex Nut;Reverse Polarity Plug

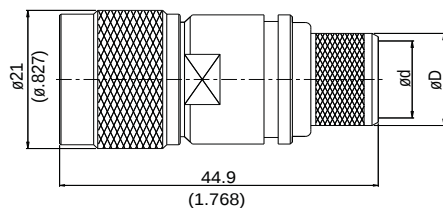


Figure 1

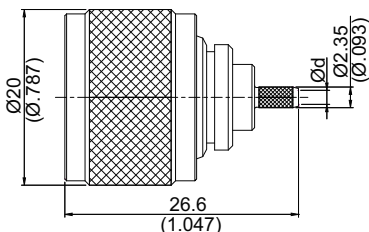


Figure 2

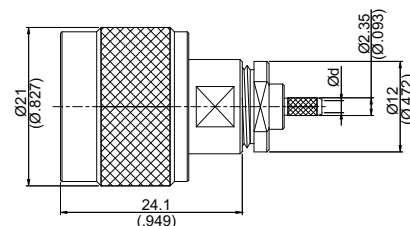


Figure 3

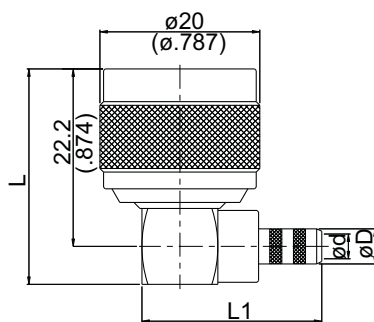


Figure 4

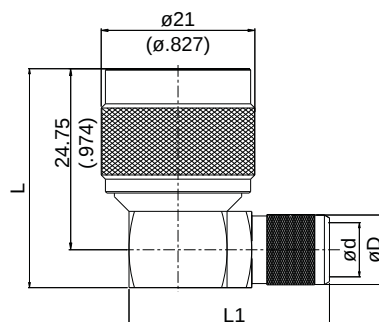


Figure 5

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
N PLUG CRIMP								
N3100-L500	1	ød=9.8(.386) øD=11.7(.461)	500	A11	v		F1	
N6100-L500	1	ød=9.8(.386) øD=11.7(.461)	500	C11	v		F1	Reverse Polarity Plug
N3100A-L500	1	ød=9.8(.386) øD=11.7(.461)	500	A11	v		F1	Hex Nut
N6100A-L500	1	ød=9.8(.386) øD=11.7(.461)	500	C11	v		F1	Reverse Polarity Plug;Hex Nut
N3100-L600	1	ød=11.7(.461) øD=14(.551)	600	A11	v		F2	
N6100-L600	1	ød=11.7(.461) øD=14(.551)	600	C11	v		F2	Reverse Polarity Plug
N3100A-L600	1	ød=11.7(.461) øD=14(.551)	600	A11	v		F2	Hex Nut
N3100AS-L600	1	ød=11.7(.461) øD=14(.551)	600	A6	v		F2	Hex Nut;Stainless
N3100AS-L600/BL	1	ød=11.7(.461) øD=14(.551)	600		v		F2	Hex Nut;Stainless Steel;Black Chromium Plated
N6100A-L600	1	ød=11.7(.461) øD=14(.551)	600	C11	v		F2	Reverse Polarity Plug; Hex Nut
N3100B-0179	2	ød=1.65(.065)	179	A11	v*	v*	A17/A5	75 Ω;Replaces N3100-0179
N3100B-0316	2	ød=1.6(.063)	316	A11		v	A5	Replaces N3100-0316
N3100BA-0316	2	ød=1.6(.063)	316	A11		v	A5	Hex Nut;Replaces N3100A-0316
N3100BD-0316	2	ød=1.6(.063)	316D	A11		v	A5	Replaces N3100D-0316
N3100BAD-0316	2	ød=1.6(.063)	316D	A11		v	A5	Hex Nut;Replaces N3100AD-0316
N3100B-L100	2	ød=1.7(.067)	100	A11		v	A5	Replaces N3100-L100
N3100BA-L100	2	ød=1.7(.067)	100	A11		v	A5	Hex Nut;Replaces N3100A-L100
N6100-0316	3	ød=1.6(.063)	316	C11	v*	v*	A17/A16	Reverse Polarity Plug
N6100-L100	3	ød=1.7(.067)	100	C11	v*	v*	A17/A16	Reverse Polarity Plug
N PLUG CRIMP RIGHT ANGLE								
N3100-9058	4	L=26.9(1.059) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	58	A11	v		B7	
N3100-9059	4	L=26.9(1.059) L1=22.5(.886) ød=3.9 (.154) øD=5.6 (.220)	59	A11	v		E4	75 Ω
N3100-9142	4	L=26.9(1.059) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	142	A11	v		B7	
N3100-9223	4	L=26.9(1.059) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	223	A11	v		B8	
N3100A-9223	4	L=27.4(1.079) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	223	A11	v		B8	Hex Nut
N3100A-9L200	4	L=27.4(1.079) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	200	A11	v		B7	Hex Nut
N6100A-9L200	4	L=27.4(1.079) L1=22.5(.886) ød=3.1 (.122) øD=4.4 (.173)	200	C11	v		B7	Reverse Polarity Plug;Hex Nut
N3100A-9L240	4	L=27.4(1.079) L1=22.5(.886) ød=3.9 (.154) øD=5.6 (.220)	240	A11	v		E4	Hex Nut
N6100A-9L240	4	L=27.4(1.079) L1=22.5(.886) ød=3.9 (.154) øD=5.6 (.220)	240	C11	v		E4	Reverse Polarity Plug;Hex Nut
N3100-9L300	4	L=26.2(1.031) L1=24.6(.969) ød=5.2(.205) øD=6.8(.268)	300	A11	v		D3	
N6100-9L300	4	L=26.2(1.031) L1=24.6(.969) ød=5.2(.205) øD=6.8(.268)	300	C11	v		D3	Reverse Polarity Plug
N3100-9008	5	L=30(1.181) L1=27.4(1.181) ød=7.4 (.291) øD=9.5 (.374)	8	A11	v		C7	52 Ω
N3100-9011	5	L=30(1.181) L1=27.4(1.181) ød=7.4 (.291) øD=9.5 (.374)	11	A11	v		C7	75 Ω
N3100-9213	5	L=30(1.181) L1=27.4(1.181) ød=7.4 (.291) øD=9.5 (.374)	213	A11	v		C7	
N3100-9214	5	L=30(1.181) L1=27.4(1.181) ød=7.4 (.291) øD=9.5 (.374)	214	A11	v		C7	
N3100A-9214	5	L=30(1.181) L1=27.4(1.181) ød=7.4 (.291) øD=9.5 (.374)	214	A11	v		C7	Hex Nut
N3100-98DFB	5	L=30(1.181) L1=27.4(1.181) ød=8.0 (.315) øD=10.0(.394)	8DFB	A11	v		C7	
N3100BA-9L400	5	L=30(1.181) L1=29.4(1.157) ød=7.5(.295) øD=9.6(.378)	400	A11	v		C7	Hex Nut
N6100BA-9L400	5	L=30(1.181) L1=29.4(1.157) ød=7.5(.295) øD=9.6(.378)	400	C11	v		C7	Reverse Polarity Plug;Hex Nut
N3100A-9L500	5	L=37.05(1.459) L1=29.1(1.146) ød=9.8(.386) øD=11.7(.461)	500	A11	v		F1	Hex Nut
N3100AS-9L600	5	L=34.25(1.346) L1=30.8(1.213) ød=11.7(.461) øD=14(.551)	600	A6	v		F2	Hex Nut;Stainless Steel
N6100AS-9L600	5	L=34.25(1.346) L1=30.8(1.213) ød=11.7(.461) øD=14(.551)	600	A6	v		F2	Hex Nut;Reverse Polarity Plug;Stainless Steel

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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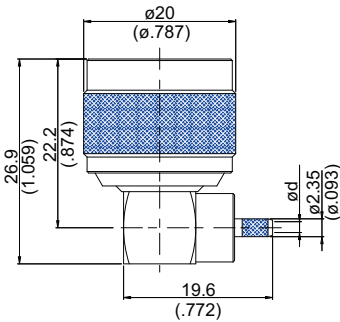


Figure 1

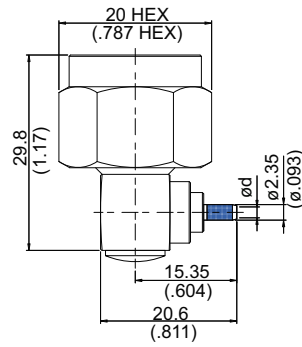


Figure 2

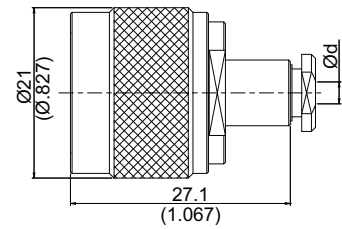


Figure 3

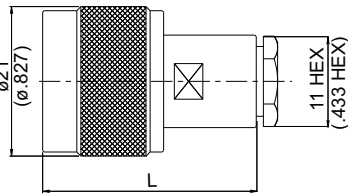


Figure 4

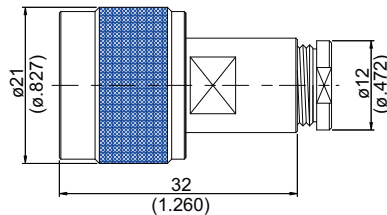


Figure 5

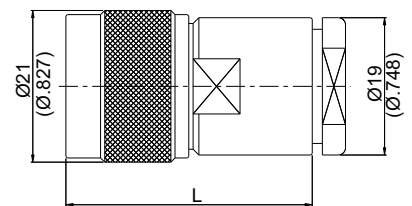


Figure 6

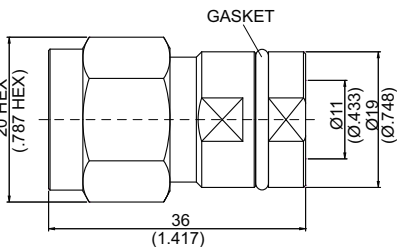


Figure 7

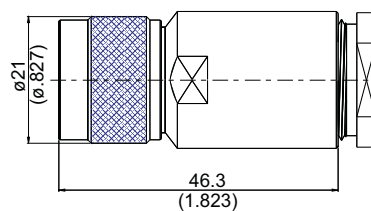


Figure 8

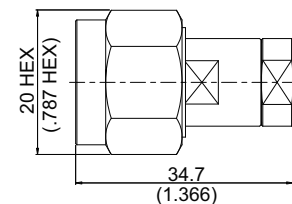


Figure 9

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
N PLUG CRIMP RIGHT ANGLE									
N3100-9316	1	ød=1.6(.063)	316	A11	v			A17	
N3100D-9316	1	ød=1.6(.063)	316D	A11	v			A17	
N3100-9L100	1	ød=1.7(.067)	100	A11	v			A17	
N3100A-9316	2	ød=1.6(.063)	316	A11	v			A17	Hex Nut
N3100AD-9316	2	ød=1.6(.063)	316D	A11	v			A17	Hex Nut
N3100A-9L100	2	ød=1.7(.067)	100	A11	v			A17	Hex Nut
N PLUG CLAMP									
N3200-0316	3	ød=2.7(.106)	316	A11	v*	v*		A14	
N3200D-0316	3	ød=3.1(.122)	316D	A11	v*	v*		A14	
N3200B-0058	4	L=32.0 (1.26)	58&142	A11	v*	v*		A14	
N3200BA-0058	4	L=32.0 (1.26)	58&142	A11	v*	v*		A14	Hex Nut
N3200-0059	4	L=32.6(1.28)	59	A11	v				75 Ω
N3200A-0059	4	L=32.6(1.28)	59	A11	v				75 Ω; Hex Nut
N3200B-L240	4	L=32.8(1.291)	240	A11	v				
N3200B-L240/WP	4	L=32.8(1.291)	240	A11	v				IP68 compliant when mated
N3200BA-L240	4	L=32.8(1.291)	240	A11	v				Hex Nut
N3200-05DF	5		300	A11			v		
N3200A-05DF	5		300	A11			v		Hex Nut
N3200B-0011	6	L = 37.1 (1.461)	11	A11	v				75 Ω
N3200BA-0011	6	L = 37.1 (1.461)	11	A11	v				75 Ω;Hex Nut
N3200B-0213	6	L = 37.1 (1.461)	213	A11	v				
N3200BA-0213	6	L = 37.1 (1.461)	213	A11	v				Hex Nut
N3200B-0214	6	L = 34.1 (1.343)	214	A11	v*	v*		C1	
N3200BA-0214	6	L = 34.1 (1.343)	214	A11	v*	v*		C1 or A15	Hex Nut
N3200B-0393	6	L = 34.2 (1.346)	393	A11	v				
N3200BA-0393	6	L = 34.2 (1.346)	393	A11	v				Hex Nut
N3200B-8DFB	6	L = 34.1 (1.343)	8DFB	A11	v				
N3200B-L400	6	L = 37.1 (1.461)	400	A11	v				
N3200BL-L400	6	L = 42.2 (1.661)	400	A11	v				
N3200BA-L400	6	L = 37.1 (1.461)	400	A11	v				Hex Nut
N3200BAS-L400	7		400	A6	v				Hex Nut;Stainless
N6200BAS-L400	7		400	C6	v				Hex Nut;Stainless ;Reverse Polarity Plug
N3200B-12DFB	8		12DFB	A11	v				
N3200B-L600	8		600	A11	v				
N3200BA-L600	8		600	A11	v				Hex Nut
N3200-1/4	9		1/4	A11	v				Hex Nut

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

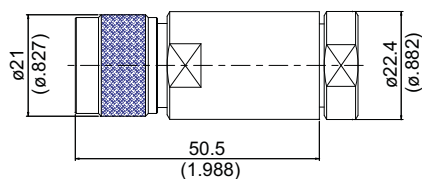


Figure 1

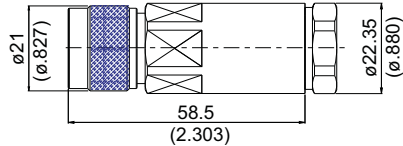


Figure 2

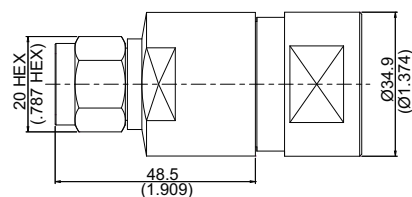


Figure 3

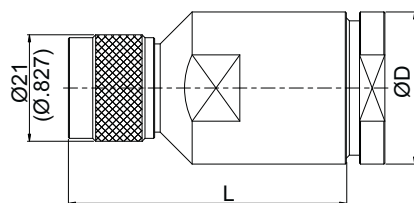


Figure 4

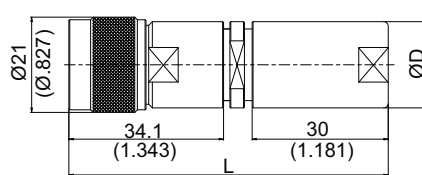


Figure 5

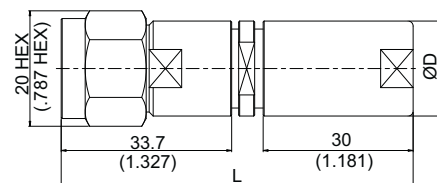


Figure 6

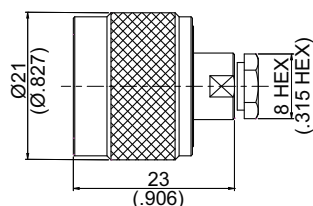


Figure 7

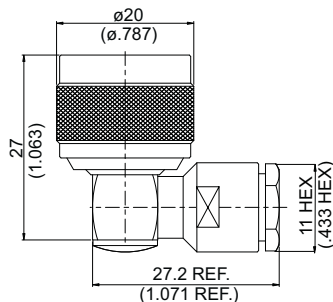


Figure 8

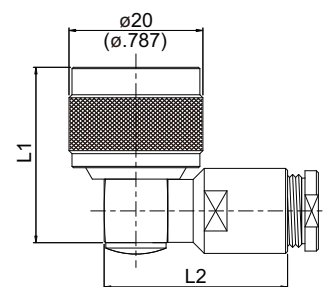


Figure 9

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
N PLUG CLAMP									
N3200B1-LDF4	1		1/2B	A11	v				For 1/2" Superflexible Foam Dielectric
N3200B1A-LDF4	1		1/2B	A11	v				For 1/2" Superflexible Foam Dielectric; Hex Nut
N3200B-LDF4	2		1/2A	A11	v				For 1/2" Foam Dielectric
N3200BA-LDF4	2		1/2A	A11	v				Hex Nut; For 1/2" Foam Dielectric
N3200BSA-LDF4	2		1/2A	A6	v				Hex Nut;Stainless Steel;For 1/2" Foam Dielectric
N3200-7/8	3		7/8A	D11			v		For 7/8" Foam Dielectric
N3200B-0216	4	øD=22 (.866) L=34.1 (1.343)	216	A11	v				75 Ω
N3200BA-0216	4	øD=22 (.866) L=34.1 (1.343)	216	A11	v				75 Ω; Hex Nut
N3200B-0218	4	øD=30 (1.181) L=54.7 (2.154)	218	A11	v				
N3200BA-0218	4	øD=30 (1.181) L=54.7 (2.154)	218	A11	v				Hex Nut
N3200B-0215	5	øD=19 (.748) L=70.4 (2.772)	215	A11	v*	v*		C1	
N3200B-0217	5	øD=22 (.866) L=73 (2.874)	217	A11	v				
N3200B-0219	5	øD=30 (1.181) L=95.5 (3.760)	219	A11	v				
N3200BA-0215	6	øD=19 (.748) L=70.4 (2.772)	215	A11	v*	v*		C1	Hex Nut
N3200BA-0217	6	øD=22 (.866) L=73 (2.874)	217	A11	v				Hex Nut
N3200BA-0219	6	øD=30 (1.181) L=95.5 (3.760)	219	A11	v				Hex Nut
N3200-0141	7		.141	A11	v				
N PLUG CLAMP RIGHT ANGLE									
N3200B-9058	8		58&142	A11	v				
N3200B-9059	8		59	A11	v				75 Ω
N3200-95DF	9	L1=26.2(1.031) L2=28.25(1.112)	300	A11			v		
N3200A-95DF	9	L1=26.2(1.031) L2=28.25(1.112)	300	A11			v		Hex Nut
N3200B-98DFB	9	L1=33(1.299) L2=40(1.575)	8DFB	A11			v		
N3200BA-98DFB	9	L1=33(1.299) L2=40(1.575)	8DFB	A11			v		Hex Nut
N3200BA-9L400	9	L1=33(1.299) L2=40(1.575)	400	A11			v		Hex Nut
N6200BA-9L400	9	L1=33(1.299) L2=40(1.575)	400	C11			v		Reverse Polarity Plug; Hex Nut
N3200BA-9L600	9	L1=33(1.299) L2=53(2.087)	600	A11			v		Hex Nut
N6200BA-9L600	9	L1=33(1.299) L2=53(2.087)	600	C11			v		Reverse Polarity Plug; Hex Nut

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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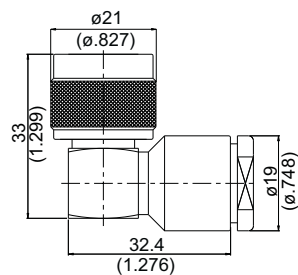


Figure 1

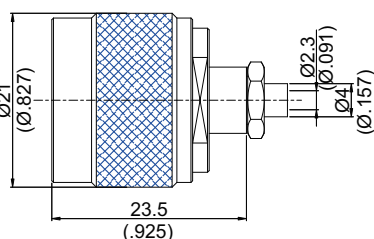


Figure 2

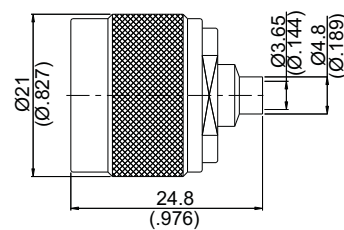


Figure 3

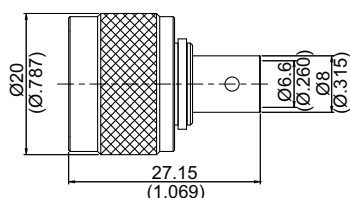


Figure 4

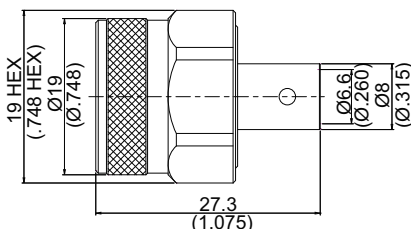


Figure 5

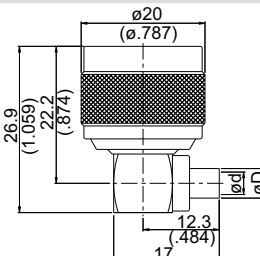


Figure 6

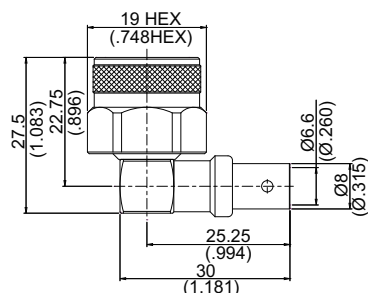


Figure 7

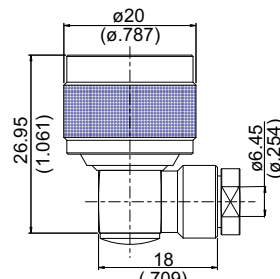


Figure 8

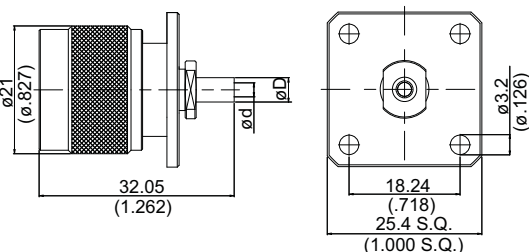
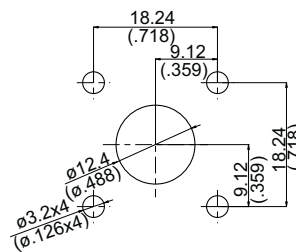


Figure 9



M.H 25

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
N PLUG CLAMP RIGHT ANGLE								
N3200B-9011	1			11	A11	v		75 Ω
N3200BA-9011	1			11	A11	v		75 Ω; Hex Nut
N3200B-9213	1			213	A11	v		
N3200BA-9213	1			213	A11	v		Hex Nut
N3200B-9214	1			214	A11	v		
N3200BA-9214	1			214	A11	v		Hex Nut
N PLUG SOLDER CLAMP								
N3300-0085	2			.085	A11	v		
N3300A-0085	2			.085	A11	v		Hex Nut
N PLUG SOLDER								
N3300-0141	3			.141	A11	v		
N3300A-0141	3			.141	A11	v		Hex Nut
N3300S-0141	3			.141	A6	v		Stainless Steel
N3300-0250	4			.250	A11	v		
N3300C-0250	5			.250	A11	v		Semi-Hex Nut
N3300SC-0250	5			.250	A6	v		Semi-Hex Nut;Stainless
N PLUG SOLDER RIGHT ANGLE								
N3300-9085	6	ød=2.3 (.091) øD=4 (.157)		.085	A11	v		
N3300-9141	6	ød=3.65 (.144) øD=4.8 (.189)		.141	A11	v		
N3300BA-9250	7			.250	A11	v		Hex Nut
N PLUG SOLDER CLAMP RIGHT ANGLE								
N3300B-9250	8			.250	A11	v		
N PLUG SOLDER CLAMP FOR PANEL RECEPTACLE								
N3346-0085	9	ød=2.3 (.091) øD=4 (.157)	25	.085	A11	v		
N3346-0141	9	ød=3.65 (.144) øD=4.8 (.189)	25	.141	A11	v		

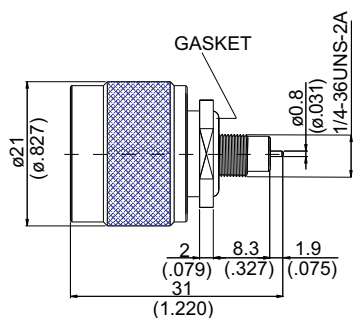


Figure 1

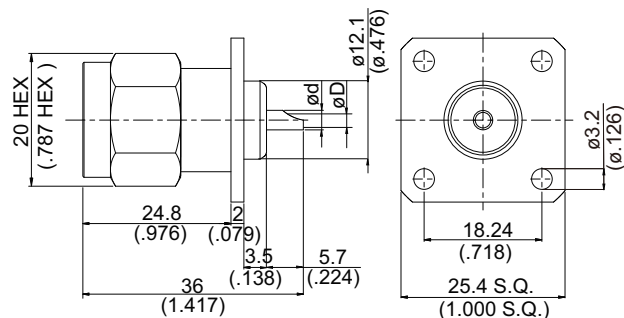


Figure 2

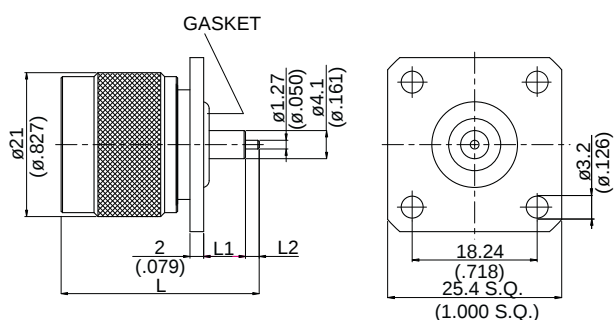


Figure 3

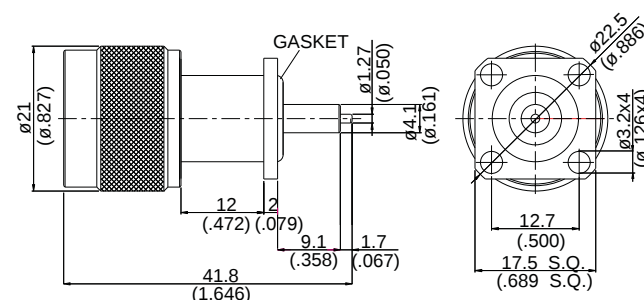


Figure 4

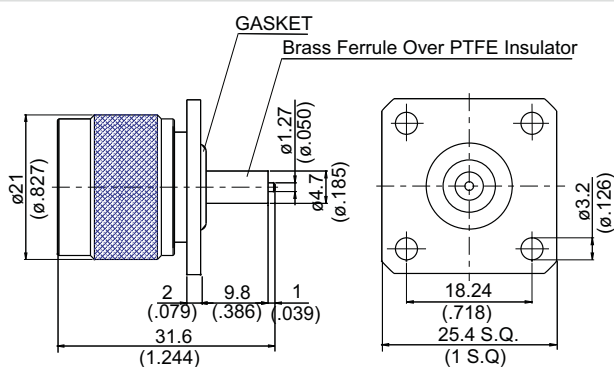


Figure 5

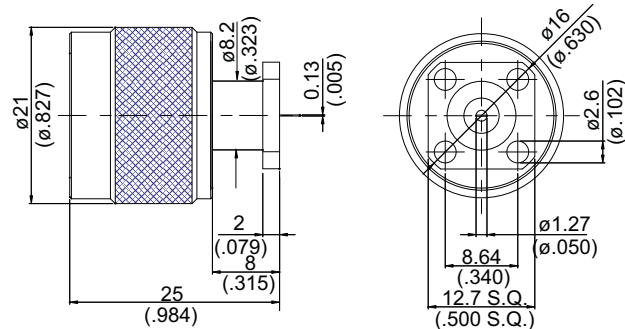
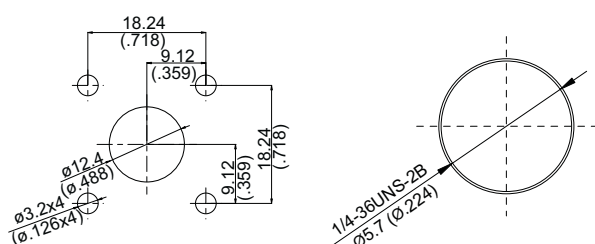
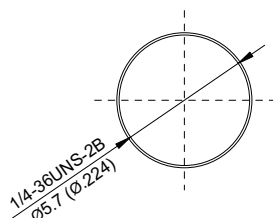


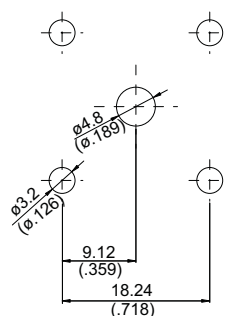
Figure 6



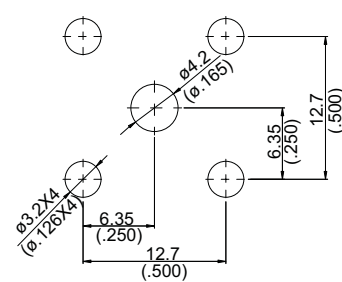
M.H 25



M.H 43



M.H 65



M.H 89

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N PLUG FOR BULKHEAD					
N3505A-0000	1		43	A11	
N PLUG FOR PANEL RECEPTACLE					
N364A-0000	2	ød=2.4(.094) øD=3.15 (.124)	25	A11	Round Coupling Nut
N364AA-0000	2	ød=2.4(.094) øD=3.15 (.124)	25	A11	Hex Nut
N364A-0075	2	ød=1.25(.049) øD=1.98 (.078)	25	A11	75 Ω; Round Coupling Nut
N364AA-0075	2	ød=1.25(.049) øD=1.98 (.078)	25	A11	75 Ω; Hex Nut
N364AL-0000	3	L=28.9(1.138) L1=6.1(.240) L2=2.0(.079)	102	A11	
N364AL1-0000	3	L=28.8(1.134) L1=3.5(.138) L2=4.5(.177)	102	A11	
N364L-0000	4		89	A11	With Gasket
N364L2-0000	4		89	A11	Without Gasket
N364B2-0000	5		65	A11	With Gasket
N3640A-0000	6			C11	

Material & Plating: See Page 374

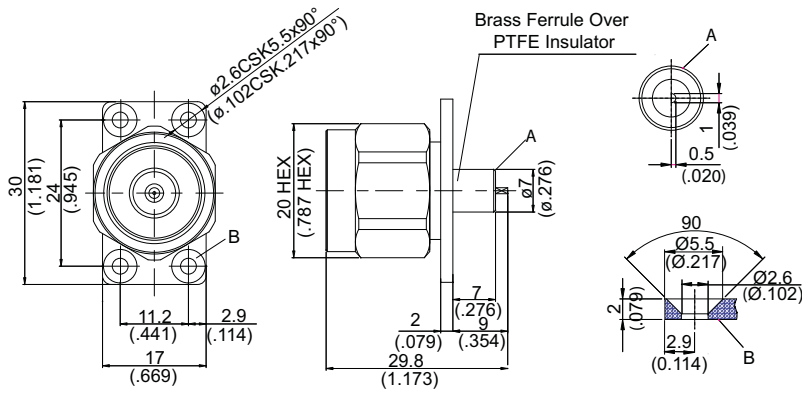


Figure 1

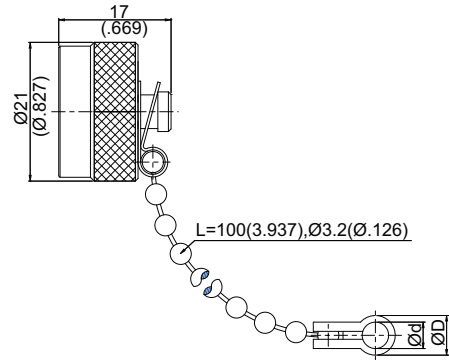


Figure 2

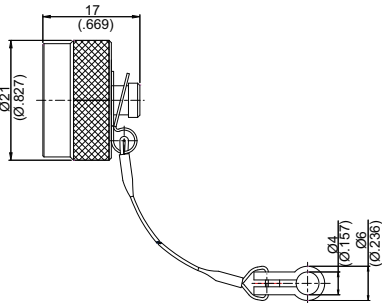


Figure 3

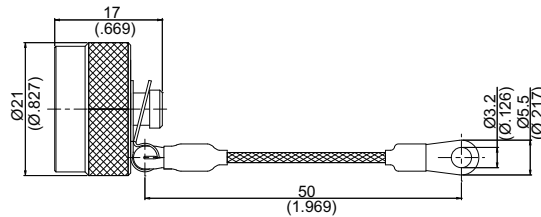


Figure 4

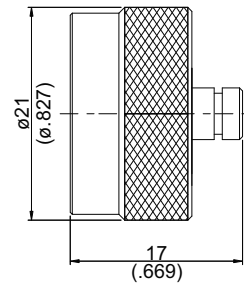


Figure 5

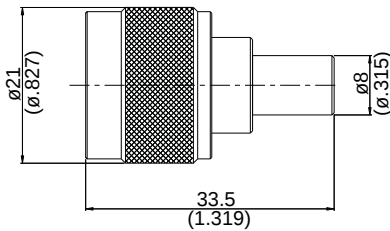


Figure 6

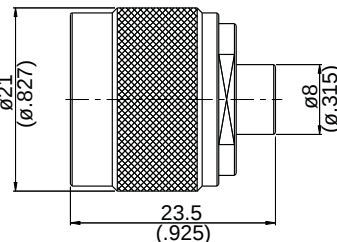


Figure 7

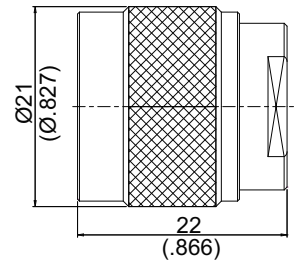


Figure 8

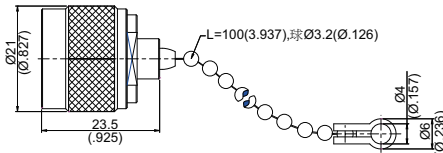


Figure 9

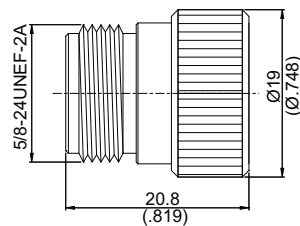


Figure 10

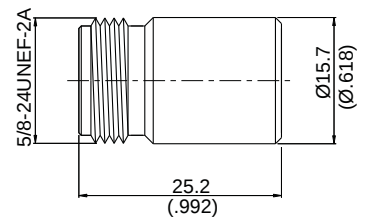
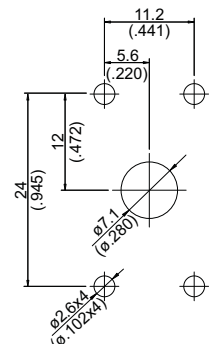


Figure 11

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N PLUG FOR PANEL RECEPTACLE					
N364AL3NP-0000	1		12	A6	Stainless Steel Nut
N PLUG CAP					
N3800-0000	2	ød=4(.157);øD=6(.236)		12	With Chain
N3800B-0000	2	ød=4(.157);øD=6(.236)		12	Waterproof; With Chain
N3800-0000/BL	2	ød=4(.157);øD=6(.236)		20	Black Chromium Surface Treated;With Chain
N3800C-0000	2	ød=16(.630);øD=19(.748)		12	With Chain
N38NY1-0000	3			20	Stainless Wire Chain; Black Chromium Surface Treatment
N38NY1-0000	4			12	Nylon Cord
N3801-0000	5			12	Waterproof
N PLUG TERMINATOR					
N3900-002.5	6			A11	2W Average Power; VSWR≤1.2 up to 2GHz
N3900-0006	7			A11	2W Average Power; VSWR≤1.2 up to 6GHz
N3900-0015	8			A11	2W Average Power; VSWR≤1.2 up to 15GHz
N3900-0018	8			A11	2W Average Power; VSWR≤1.2 up to 18GHz
N3900S-0018	8			A6	2W Average Power; VSWR≤1.2 up to 18GHz;Stainless
N3980-002.5	9			A11	2W Average Power; VSWR≤1.2 up to 2GHz; With Chain
N3980-0006	9			A11	2W Average Power; VSWR≤1.2 up to 6GHz; With Chain
N JACK SHORT END					
N8000-0000	10			B2	
N JACK OPEN					
N8A00-0000	11			1	



M.H 12

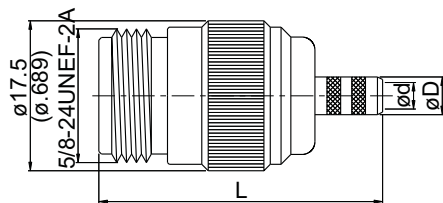


Figure 1

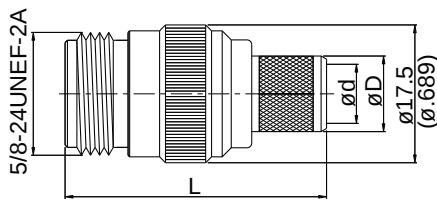


Figure 2

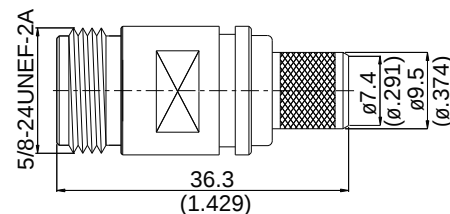


Figure 3

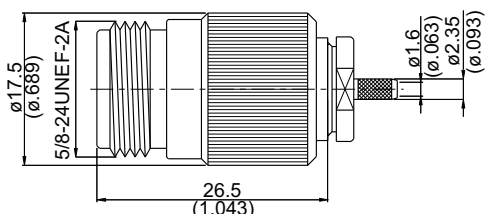


Figure 4

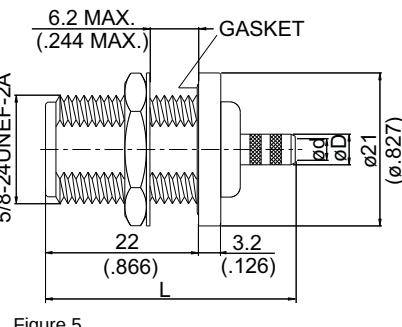
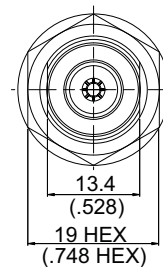


Figure 5

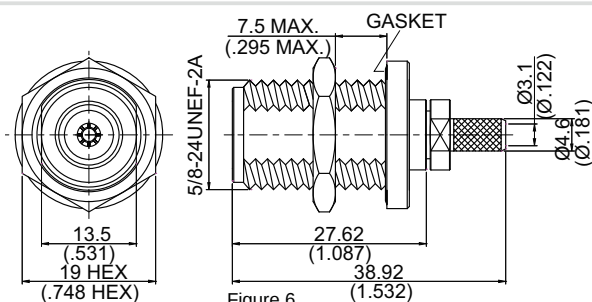
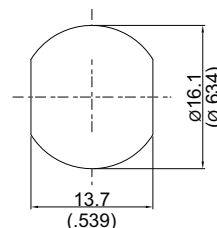


Figure 6



M.H 7

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
N JACK CRIMP										
N8100-0058	1	ød=3.1 (.122) øD=4.4 (.173) L=33.0 (1.30)		58	C2	v*	v*		B7/B3	
N9100-0058	1	ød=3.1 (.122) øD=4.4 (.173) L=33.0 (1.30)		58	A2	v*	v*		B7/B5	Reverse Polarity Jack
N8100A-0058	1	ød=3.1 (.122) øD=4.4 (.173) L=33.0 (1.30)		58	C2	v*	v*		B7/B3	Hex Body
N8100-0059	1	ød=3.9 (.154) øD=5.6 (.220) L=33.0 (1.30)		59	C2	v*	v*		E4/E1	75 Ω
N8100A-0059	1	ød=3.9 (.154) øD=5.6 (.220) L=33.0 (1.30)		59	C2	v*	v*		E4/E1	Hex Body; 75 Ω
N8100-0142	1	ød=3.1 (.122) øD=4.4 (.173) L=33.0 (1.30)		142	C2	v*	v*		B7/B3	
N8100A-0142	1	ød=3.1 (.122) øD=4.4 (.173) L=33.0 (1.30)		142	C2	v*	v*		B7/B3	Hex Body
N8100-0223	1	ød=3.1 (.122) øD=4.4 (.173) L=31.6(1.24)		223	C2	v*	v*		B8/B6	
N8100A-0223	1	ød=3.1 (.122) øD=4.4 (.173) L=31.6 (1.24)		223	C2	v*	v*		B8/B4	Hex Body
N8100-0213	2	L=33.2 (1.307) ød=7.5 (.295) øD=9.6 (.378)		213	C2	v*	v*		C7/C4	
N8100-08DF	2	L=33.2 (1.307) ød=8.1 (.319) øD=10 (.394)		8DFB	C2	v			C7	
N8100-05DF	2	L= 34.75 (1.368) ød=5.2 (.205) øD=6.8 (.268)		300	C2	v			D3	
N8100B-L240	2	L=32.7(1.287) ød=3.9(.154) øD=5.6(.220)		240	C2	v*	v*		E4/E3	
N9100B-L240	2	L=32.7(1.287) ød=3.9(.154) øD=5.6(.220)		240	A2	v*	v*		E4/E3	Reverse Polarity Jack
N81EZ-L400	2	L=32.65(1.285) ød=7.5(.295) øD=9.6(.378)		400	C2			v	C7	
N91EZ-L400	2	L=32.65(1.285) ød=7.5(.295) øD=9.6(.378)		400	C2			v	C7	Reverse Polarity Jack
N8100-L400	2	L=33.2(1.307) ød=7.5(.295) øD=9.6(.378)		400	C2	v			C7	
N9100-L400	2	L=33.2(1.307) ød=7.5(.295) øD=9.6(.378)		400	A2	v			C7	Reverse Polarity Jack
N8100-0214	3			214	C2	v			C7	
N8100-0316	4	ød=1.6 (.063)		316	C2	v*	v*		A17/A16	
N8100D-0316	4	ød=1.6 (.063)		316D	C2	v*	v*		A17/A16	
N8100-L100	4	ød=1.7 (.067)		100	C2	v*	v*		A17/A16	
N JACK CRIMP FOR BULKHEAD										
N8105-0058	5	L=35.9(1.413) ød=3.1 (.122) øD=4.4 (.173)	7	58	C2	v*	v*		B7/B5	With Gasket
N8105-R0058	5	L=35.9(1.413) ød=3.1 (.122) øD=4.4 (.173)	7	58	C2		v		B3	With Gasket
N8105-0059	5	L=35.9(1.413) ød=3.9 (.154) øD=5.6 (.220)	7	59	C2	v*	v*		E4/E1	75 Ω; With Gasket
N8105-0142	5	L=35.9(1.413) ød=3.1 (.122) øD=4.4 (.173)	7	142	C2	v*	v*		B7/B5	With Gasket
N8105-R142	5	L=35.9(1.413) ød=3.1 (.122) øD=4.4 (.173)	7	142	C2		v		B3	With Gasket
N8105-0223	5	L=35.9(1.413) ød=3.1 (.122) øD=4.4 (.173)	7	223	C2	v*	v*		B8/B6	With Gasket
N8105-0213	5	L=37.5(1.457) ød=7.5(.295) øD=9.6(.378)	7	213	C2	v*	v*		C7/C4	With Gasket
N8105P-L200	5	L=35.9(1.413) ød=3.1(.122) øD=4.4(.173)	7	200	C2	v*	v*		B7/B5	With Gasket
N9105P-L200	5	L=35.9(1.413) ød=3.1(.122) øD=4.4(.173)	7	200	A2	v*	v*		B7/B5	Reverse Polarity Jack;With Gasket
N8105-L240	5	L=37(1.457) ød=3.9(.154) øD=5.6(.220)	7	240	C2	v*	v*		E4/E3	With Gasket
N9105-L240	5	L=37(1.457) ød=3.9(.154) øD=5.6(.220)	7	240	A2	v*	v*		E4/E3	Reverse Polarity Jack;With Gasket
N8105-L400	5	L=37.5(1.476) ød=7.5(.295) øD=9.6(.378)	7	400	C2	v			C7	With Gasket
N9105-L400	5	L=37.5(1.476) ød=7.5(.295) øD=9.6(.378)	7	400	A2	v			C7	Reverse Polarity Jack;With Gasket
N8105S-0058	6		7	58	B3	v			B7	Stainless; With Gasket
N8105S-0142	6		7	142	B3	v			B7	Stainless; With Gasket
N8105S-0223	6		7	223	B3	v			B8	Stainless; With Gasket

*Solder or Crimp Contact Pin Cable Group: See Page 1; Crimp Insert: See Page 372; Material & Plating: See Page 374

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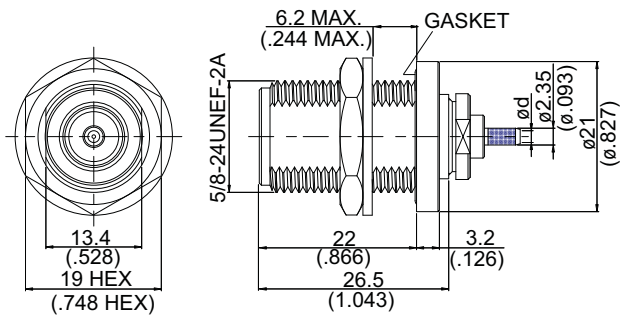


Figure 1

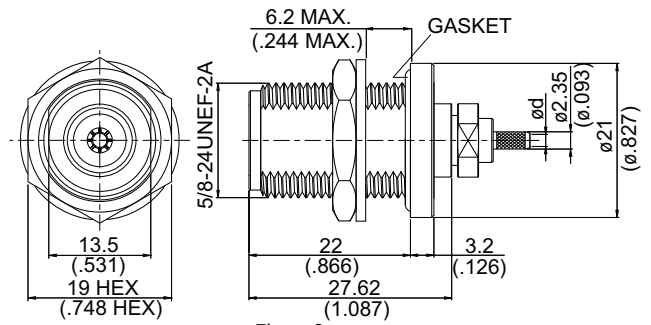


Figure 2

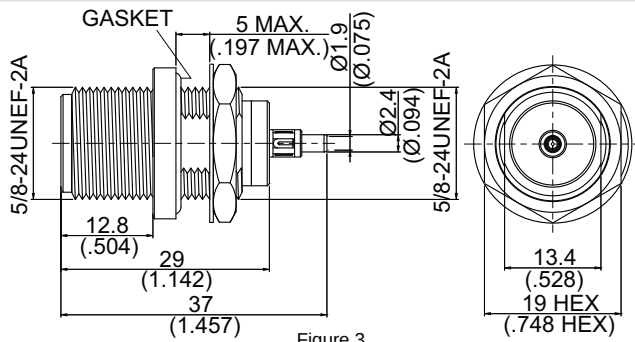


Figure 3

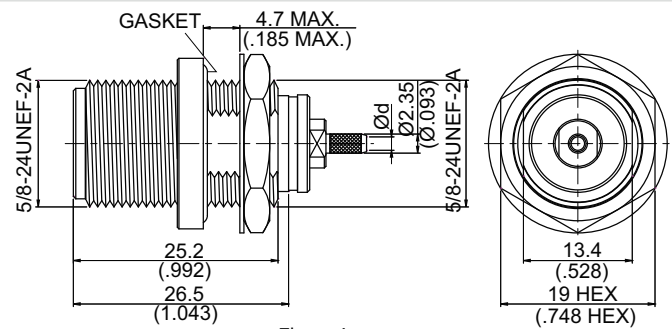


Figure 4

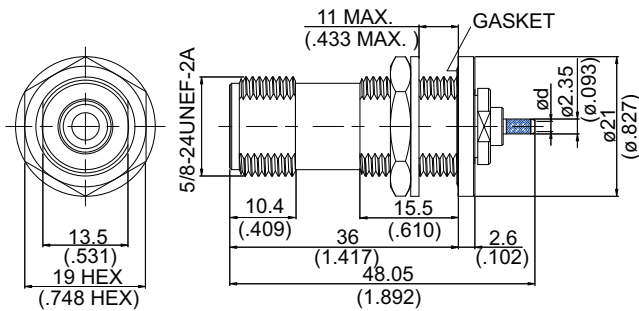


Figure 5

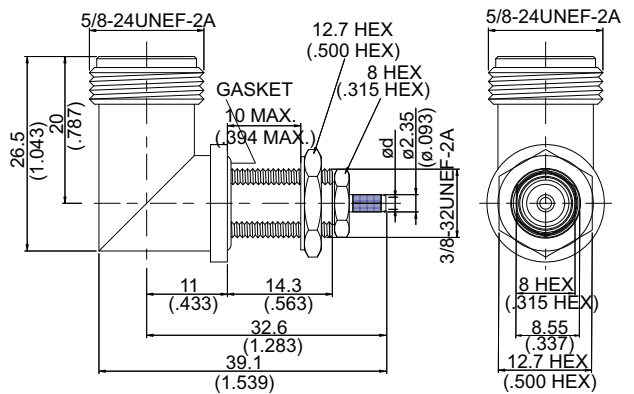
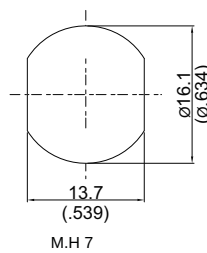
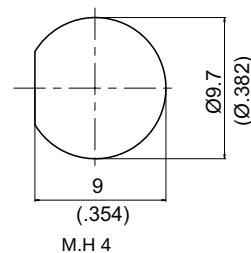


Figure 6



M.H 7



M.H 4

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
N JACK CRIMP FOR BULKHEAD										
N9105-0316	1	ød=1.6 (.063)	7	316	A2	v*	v*		A17/A16	Reverse Polarity Jack;With Gasket
N9105-L100	1	ød=1.7 (.067)	7	100	A2	v*	v*		A17/A16	Reverse Polarity Jack;With Gasket
N8105P-0316	2	ød=1.6 (.063)	7	316	C2	v*	v*		A17/A8	With Gasket
N8105PD-0316	2	ød=1.6 (.063)	7	316D	C2	v*	v*		A17/A8	With Gasket
N8105P-L100	2	ød=1.7 (.067)	7	100	C2	v			A17	With Gasket
N8105B-0178	3		7	178	C2	v			A10	With Gasket
N8105B-D179	4	ød=1.65(.065)	7	179	C2	v*	v*		A17/A5	75 Ω;With Gasket
N8105BS-D179	4	ød=1.65(.065)	7	179	C3	v*	v*		A17/A5	75 Ω;With Gasket
N8105B-D316	4	ød=1.6(.063)	7	316	C2	v*	v*		A17/A16	Hermetically Sealed;With Gasket
N8105BD-0316	4	ød=1.6(.063)	7	316D	C2	v*	v*		A17/A16	Hermetically Sealed;With Gasket
N8105B-L100	4	ød=1.7 (.067)	7	100	C2	v*	v*		A17/A16	Hermetically Sealed;With Gasket
N8105C-0316	5	ød=1.6 (.063)	7	316	C2	v			A17	With Gasket
N8105C-L100	5	ød=1.7 (.067)	7	100	C2	v			A17	With Gasket
N JACK CRIMP FOR BULKHEAD RIGHT ANGLE										
N8105-9316	6	ød=1.6(.063)	4	316	C2	v		v	A17	With Gasket
N8105D-9316	6	ød=1.6(.063)	4	316D	C2	v		v	A17	With Gasket
N8105-9L100	6	ød=1.7 (.067)	4	100	C2	v		v	A17	With Gasket

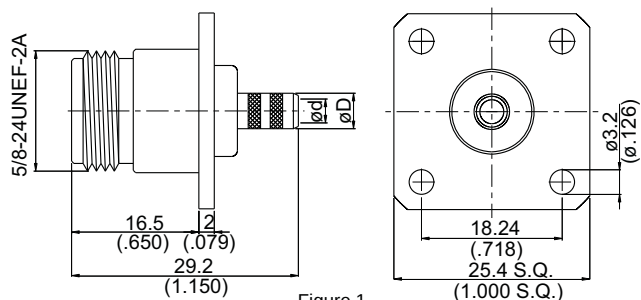


Figure 1

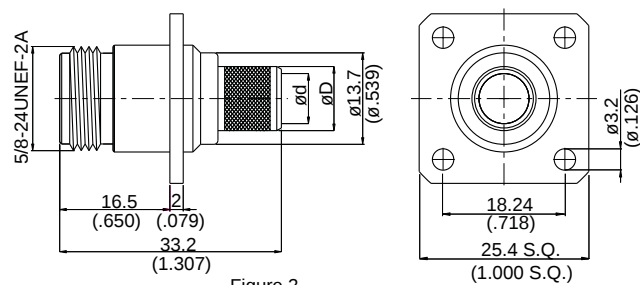


Figure 2

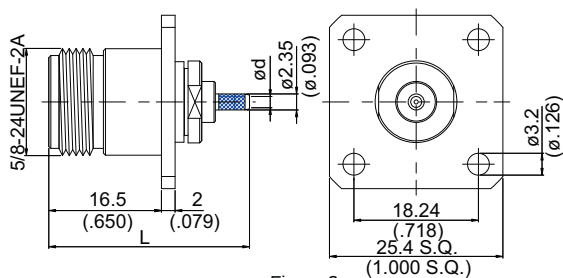


Figure 3

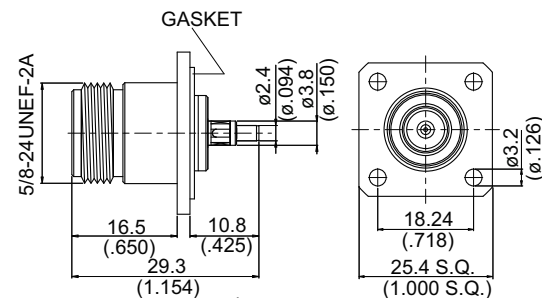


Figure 4

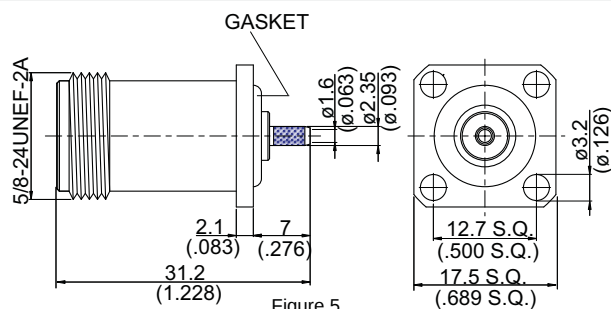


Figure 5

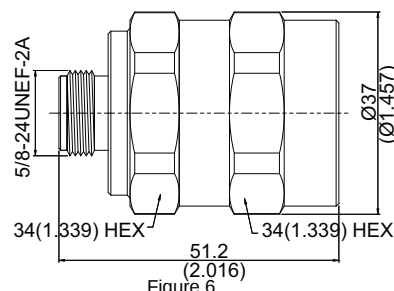


Figure 6

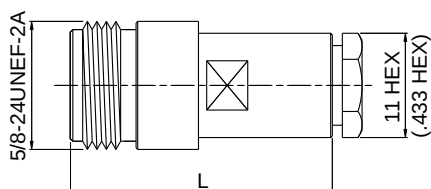
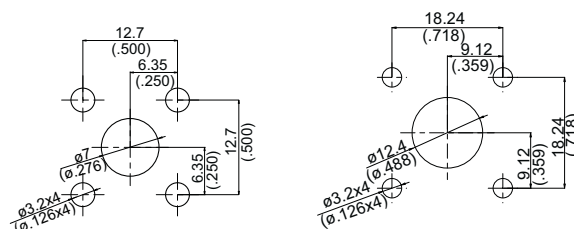


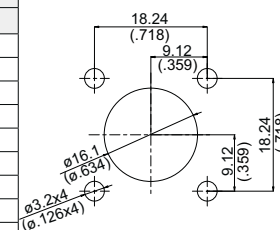
Figure 7



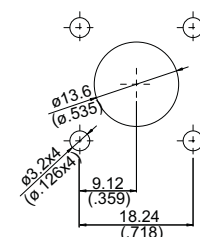
M.H 22A

M.H 25

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
N JACK CRIMP FOR PANEL RECEPTACLE										
N8146-0058	1	ød=3.1 (.122) øD=4.4 (.173)	55	58	C2	v*	v*		B7/B5	No Gasket
N8146-0059	1	ød=3.9 (.154) øD=5.6 (.220)	55	59	C2	v*	v*		E4/E1	75 Ω; No Gasket
N8146-0142	1	ød=3.1 (.122) øD=4.4 (.173)	55	142	C2	v*	v*		B7/B5	No Gasket
N8146-0223	1	ød=3.1 (.122) øD=4.4 (.173)	55	223	C2	v*	v*		B8/B6	No Gasket
N8146-0213	2	ød=7.5 (.295) øD=9.6 (.378)	26	213	C2	v*	v*		C7/C4	No Gasket
N8146-08DF	2	ød=8.1 (.319) øD=10 (.394)	26	8DFB	C2	v			C7	No Gasket
N8146-0179	3	L = 29.05 (1.147) Ød=1.65(.065)	25	179	B2	v			A17	75 Ω; No Gasket
N8146-0316	3	L = 29.62 (1.166) Ød=1.6(.063)	25	316	C2	v*	v*		A17/A16	No Gasket
N8146D-0316	3	L = 29.07 (1.144) Ød=1.6(.063)	25	316D	C2	v*	v*		A17/A16	No Gasket
N8146A-0179	3	L = 29.4 (1.157) Ød=1.65(.065)	25	179	B2	v			A17	75 Ω; With Gasket
N8146A-0316	3	L = 29.5 (1.161) Ød=1.6(.063)	25	316	C2	v*	v*		A17/A16	With Gasket
N9146A-0316	3	L = 29.52 (1.162) Ød=1.6(.063)	25	316	A2	v*	v		A17/A16	Reverse Polarity Jack; With Gasket
N8146-L100	3	L = 29.07 (1.144) Ød=1.7(.067)	25	100	C2	v*	v*		A17/A16	No Gasket
N8146A-L100	3	L = 29.5 (1.161) Ød=1.7(.067)	25	100	C2	v*	v*		A17/A16	With Gasket
N9146A-L100	3	L = 29.5 (1.161) Ød=1.7(.067)	25	100	A2	v*	v*		A17/A16	Reverse Polarity Jack; With Gasket
N8146A-0178	4		25	178	B2	v			A10	With Gasket
N9146A-0178	4		25	178	A2	v			A10	Reverse Polarity Jack; With Gasket
N8146B-0316	5		22A	316	C2		v		A5	With Gasket
N JACK CLAMP										
N8200-7/8AL	6			7/8AL	C2			v		For 7/8 Inch Aluminum Cable
N8200B-0058	7	L=30.6(1.205)		58&142	C2	v*	v*		A15	
N8200B-0059	7	L=32(1.260)		59	C2	v*	v*		A14	75 Ω
N8200B-L200	7	L=30.6(1.205)		200	C2	v*	v*		A15	
N8200B-L240	7	L=30.6(1.205)		240	C2	v*	v*		A15	



M.H 26



M.H 55

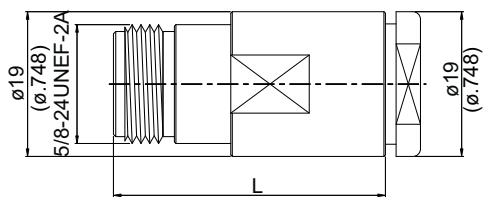


Figure 1

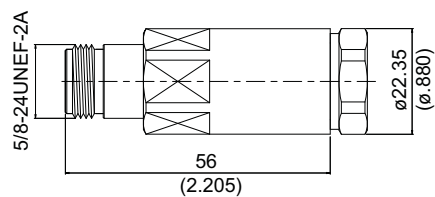


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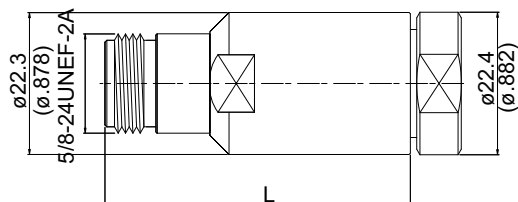


Figure 3

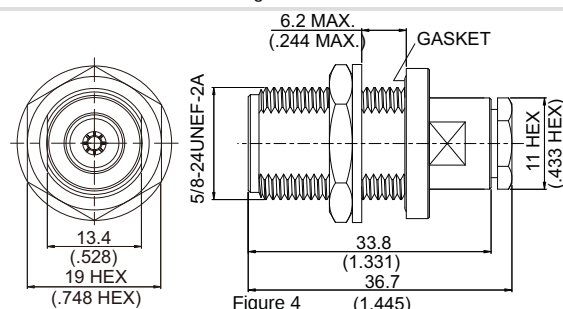


Figure 4

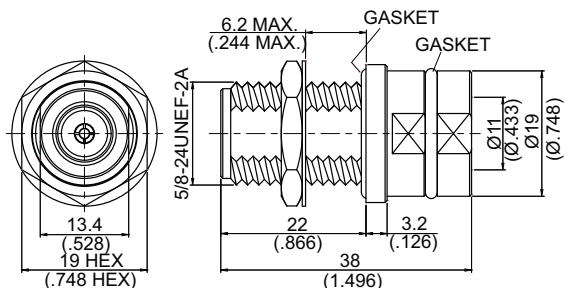


Figure 5

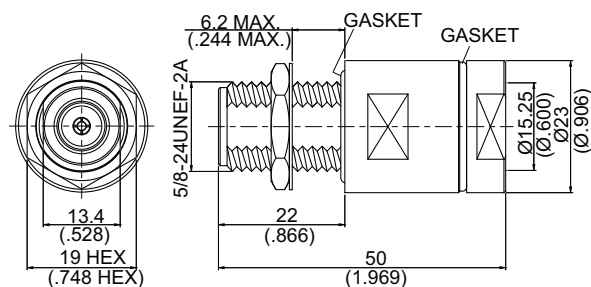


Figure 6

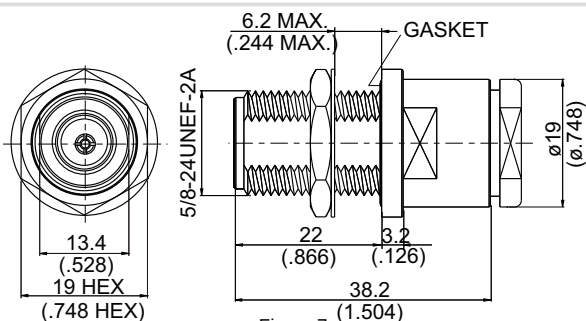


Figure 7

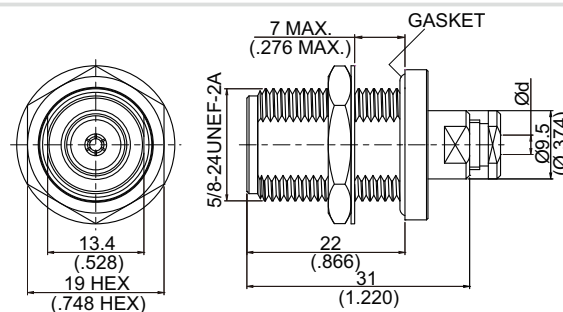
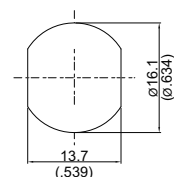


Figure 8

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
N JACK CLAMP										
N8200B-0008	1	L=35.7(1.406)		8&213	C2	v*	v*		A15	
N8200B-0011	1	L=35.7(1.406)		11	C2	v*	v*		A14	75 Ω
N8200B-0214	1	L=35.7(1.406)		214	C2	v*	v*		A15	
N8200B-08DF	1	L=35.7(1.406)		8DFB	C2	v				
N8200B-L400	1	L=36.2(1.425)		400	C2	v				
N8200BL-L400	1	L=41.2(1.622)		400	C2	v				
N8200B-LDF4	2			1/2A	C2	v				For 1/2" Foam Dielectric
N8200B1-LDF4	3	L=47.8(1.882)		1/2B	C2	v				For 1/2" Superflexible Foam Dielectric
N8200B-L600	3	L=44.5(1.752)		600	C2			v		
N9200B-L600	3	L=44.5(1.752)		600	A2			v		Reverse Polarity Jack
N JACK CLAMP FOR BULKHEAD										
N8205B-0058	4		7	58&142	C2	v*	v*		A15	With Gasket
N8205BS-L400	5		7	400	C3	v				Stainless ;IP68
N9205BS-L400	5		7	400	A3	v				Stainless;IP68;Reverse Polarity Jack
N8205BS-L600	6		7	600	C3	v				Stainless Steel;IP68
N9205BS-L600	6		7	600	A3	v				Stainless ;IP68;Reverse Polarity Jack
N8205B-0214	7		7	214	C2	v*	v*		A15	With Gasket
N8205B-0316	8	ød=2.7 (.106)	7	316	C2	v				With Gasket
N8205BD-0316	8	ød=3.1 (.122)	7	316D	C2	v				With Gasket



M.H 7

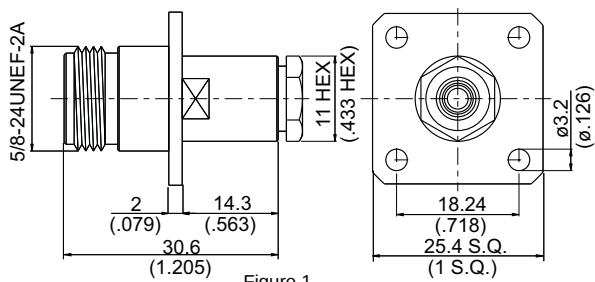


Figure 1

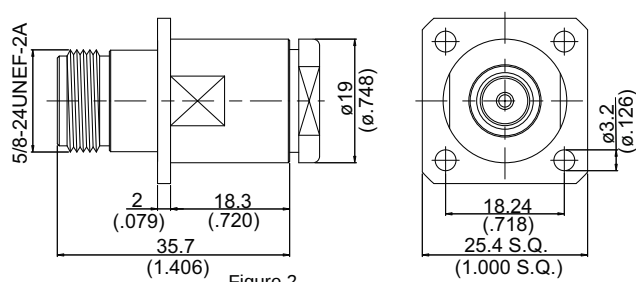


Figure 2

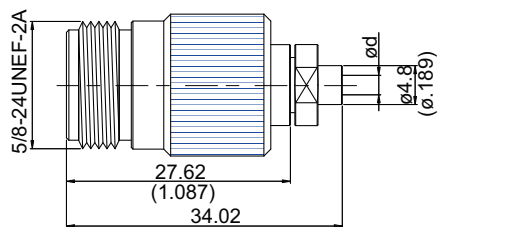


Figure 3

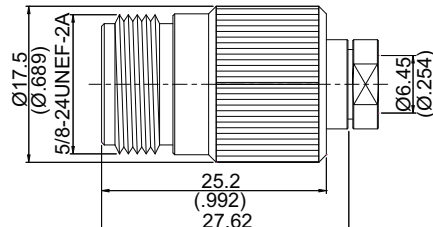


Figure 4

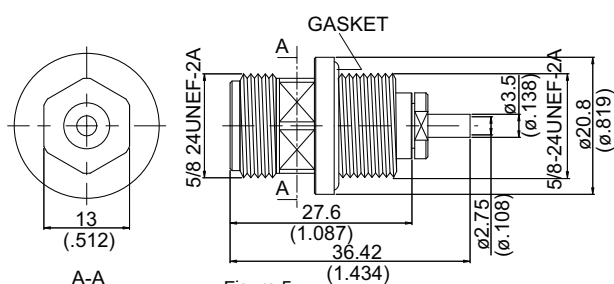


Figure 5

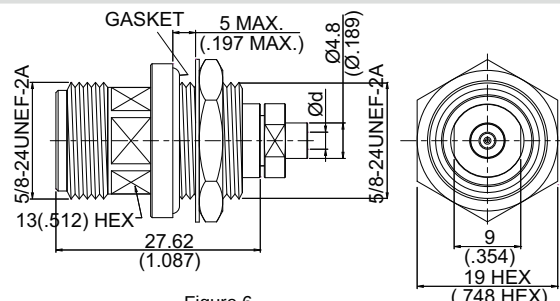


Figure 6

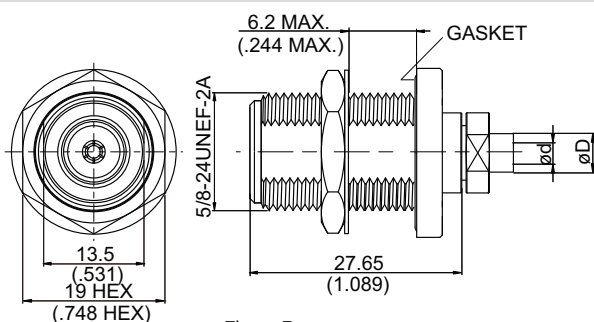


Figure 7

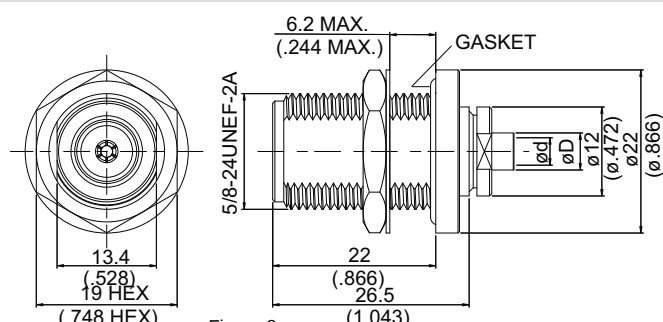
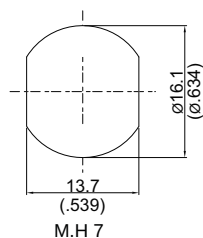
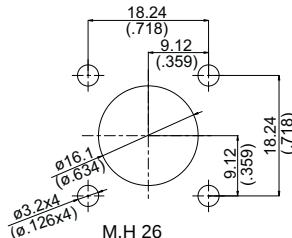


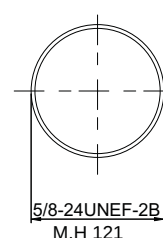
Figure 8



M.H 7



M.H 26



M.H 121

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
N JACK CLAMP FOR PANEL RECEPTACLE									
N8246-0058	1		26	58&142	C2	v*	v*	A15	Without Gasket
N8246-0214	2		26	214	C2	v*	v*	A15	No Gasket
N JACK SOLDER CLAMP									
N8300P-0085	3	ød=2.30(.091)		.085	B2	v			
N8300P-0141	3	ød=3.65(.144)		.141	B2	v			
N8300P-0250	4			.250	C2	v			
N JACK SOLDER CLAMP FOR BULKHEAD									
N8105P-5002	5		121	5002	B2	v			With Gasket
N8305B-0085	6	ød=2.30 (.091)	121	.085	B2	v			With Gasket
N8305B-0141	6	ød=3.65 (.144)	121	.141	B2	v			With Gasket
N8305P-0085	7	ød=2.30 (.091) øD=4.8 (.189)	7	.085	B2	v			With Gasket
N8305P-0141	7	ød=3.65 (.144) øD=4.8 (.189)	7	.141	B2	v			With Gasket
N8305-0085/EP	8	ød=2.3 (.091) øD=3 (.118)	7	.085	C2	v			With Gasket; Epoxy captivated pin/teflon
N8305-0141/EP	8	ød=3.7 (.146) øD=5 (.197)	7	.141	C2	v			With Gasket; Epoxy captivated pin/teflon

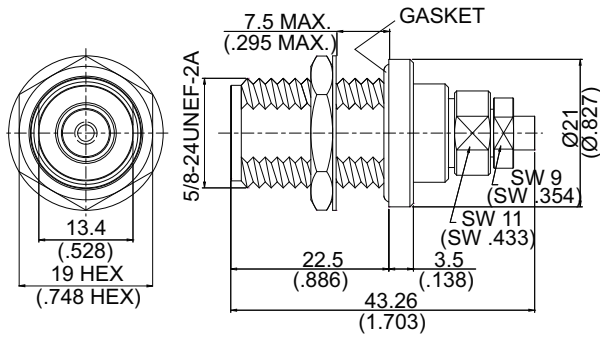


Figure 1

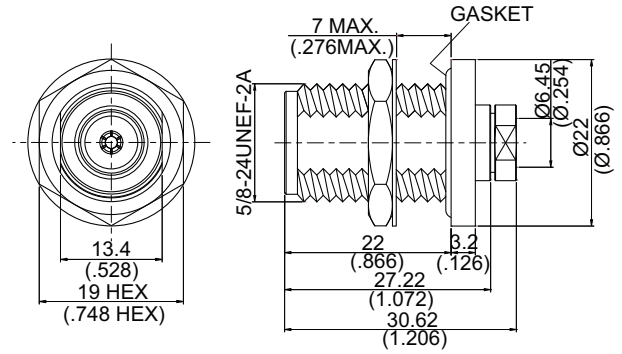


Figure 2

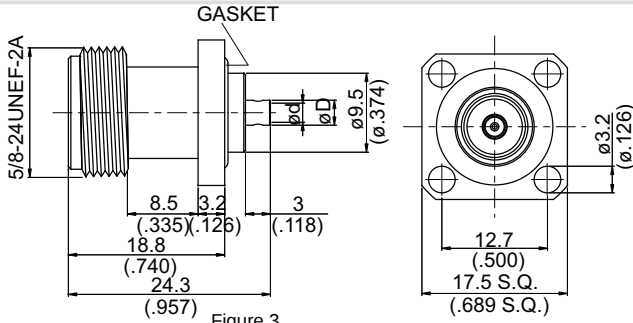


Figure 3

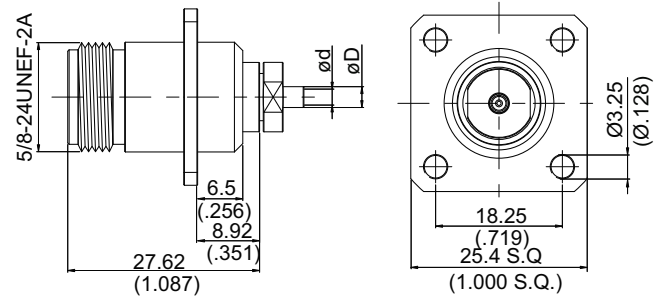


Figure 4

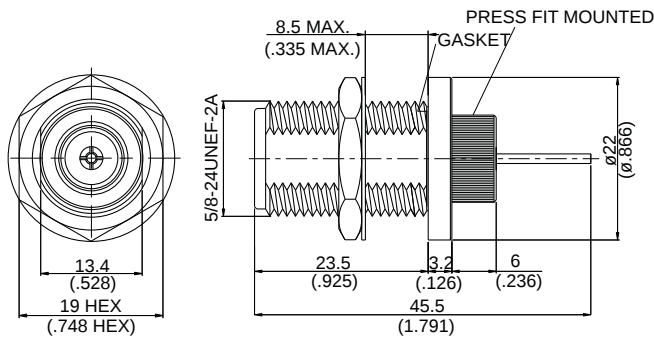


Figure 5

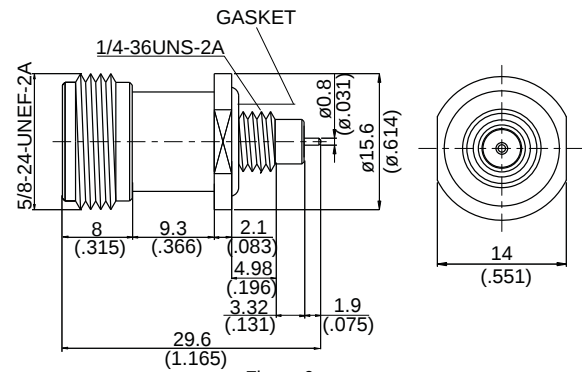
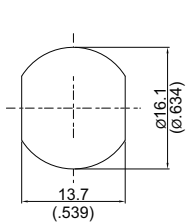
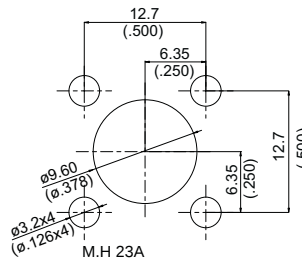


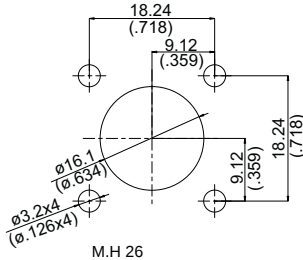
Figure 6



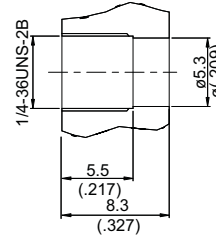
M.H 7



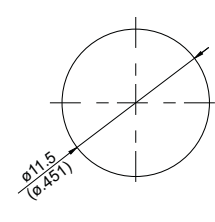
M.H 23A



M.H 26



M.H 58



M.H 150

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Remarks
						Solder	Crimp	Plug In	
N JACK SOLDER CLAMP FOR BULKHEAD									
N8305PPS-0141	1		7	.141	B2			v	With Gasket; Stainless ; VSWR≤1.25 up to 18 GHz
N8305-0250	2		7	.250	B2	v			With Gasket
N8305-0250/HS	2		7	.250	B2	v			With Gasket; Hermetically Sealed
N JACK SOLDER FOR PANEL RECEPTACLE									
N8346G-0085	3	ød=2.3 (.091) øD=3 (.118)	23A	.085	C2	v			With Gasket
N8346G-0141	3	ød=3.65 (.144) øD=4.8 (.189)	23A	.141	C2			v	With Gasket
N JACK SOLDER CLAMP FOR PANEL RECEPTACLE									
N8346P-0085	4	ød=2.3(.091) øD=3.0(.118)	26	.085	B2	v			No Gasket
N8346PG-0085	4	ød=2.3(.091) øD=3.0(.118)	26	.085	B2	v			With Gasket
N8346P-0085/TH	4	ød=2.3(.091) øD=3.0(.118)	26	.085	B2	v			No Gasket;Panel holes M3.5X0.35P
N8346P-0141	4	ød=3.65(.144) øD=4.8(.189)	26	.141	B2	v			No Gasket
N8346P-0141/AG	4	ød=3.65(.144) øD=4.8(.189)	26	.141	B19	v			Silver Plated;No Gasket
N8346PG-0141	4	ød=3.65(.144) øD=4.8(.189)	26	.141	B2	v			With Gasket
N9346PG-0141	4	ød=3.65(.144) øD=4.8(.189)	26	.141	A2	v			With Gasket;Reverse Polarity Jack
N8346B-0250	4	ød=6.45(.254) øD=7.6(.299)	26	.250	B2	v			No Gasket
N JACK FOR BULKHEAD									
N8500-0000	5		7&150		C2				With Gasket
N8505A-0000	6		58		C2				With Gasket

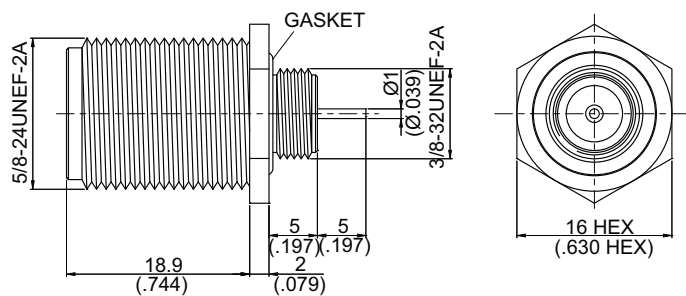


Figure 1

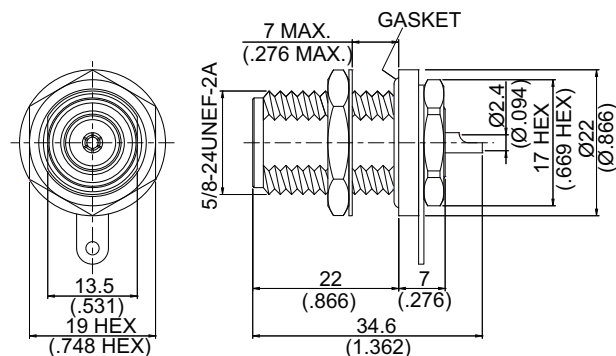


Figure 2

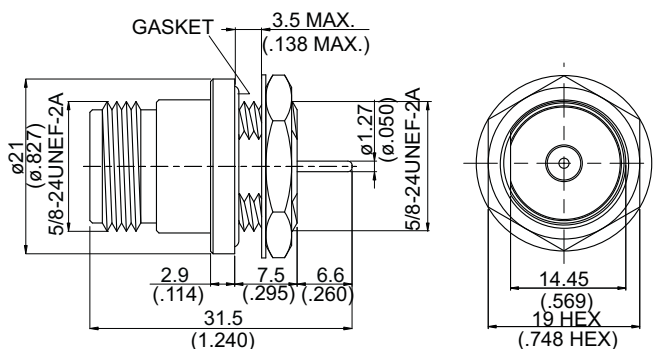


Figure 3

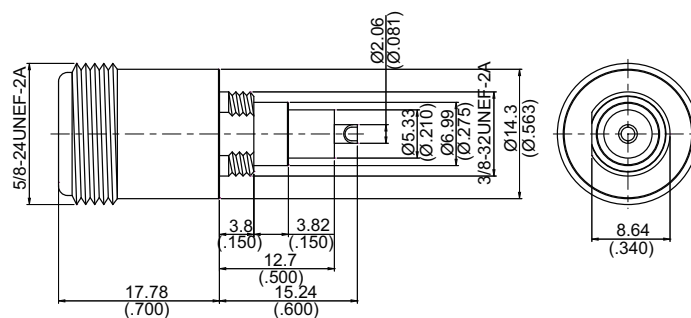


Figure 4

N

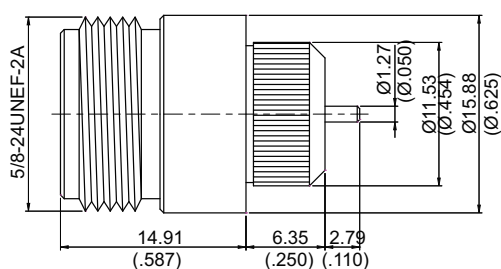


Figure 5

FEMALE SOCKET ACCEPTS
Ø0.94(Ø.037)/Ø0.89(Ø.035)
x2.54(.100) LONG PIN

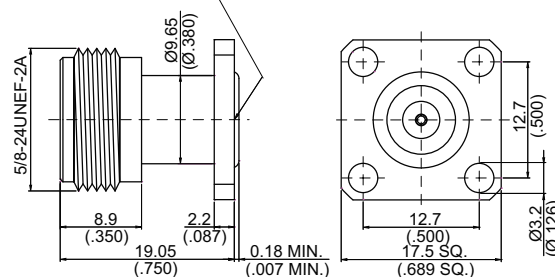


Figure 6

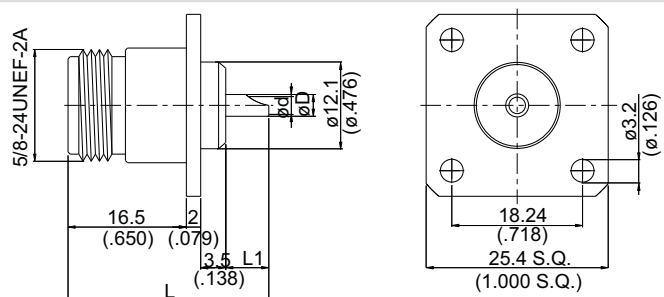
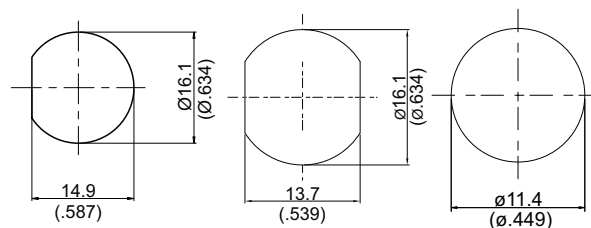


Figure 7

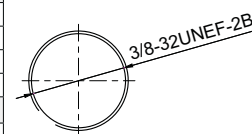


M.H 5A

M.H 7

M.H 90B

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N JACK FOR BULKHEAD					
N8500A1-0000	1		159	C17	IP68(4psi Tested)
N8505C-0000/HS	2		7	B2	Hermetically Sealed
N865L1-0000	3		5A	C2	
N85CPC-0000	4		159	C2	
N JACK PRESS FIT FOR BULKHEAD					
N850P-0000	5		90B	C2	
N 4-HOLE FLANGE FIELD REPLACEABLE JACK					
N8F46S-0036	6			B3	VSWR 1.2 UpTo18GHz;With EMI Gasket
N JACK FOR PANEL RECEPTACLE					
N864A-0000	7	ød=2.40(.094) øD=3.03(.119) L=28.0 (1.102) L1=6 (.236)		C2	No Gasket
N864A-0000/AG	7	ød=2.40(.094) øD=3.03(.119) L=28.0 (1.102) L1=6 (.236)		C19	Silver Plated Body;No Gasket
N864A-0075	7	ød=1.25(.049) øD=1.98(.078) L=28.0 (1.102) L1=6 (.236)		C2	75 Ω;No Gasket
N864A1-0000	7	ød=2.40(.094) øD=3.03(.119) L=25.0 (.984) L1=3 (.118)		C2	No Gasket
N864A1-0075	7	ød=1.25(.049) øD=1.98(.078) L=25.0 (.984) L1=3 (.118)		C2	75 Ω;No Gasket
N864A2-0000	7	ød=2.40(.094) øD=3.03(.119) L=25.5 (1.004) L1=3.5 (1.378)		C2	No Gasket
N864A2-0075	7	ød=1.25(.049) øD=1.98(.078) L=25.5 (1.004) L1=3.5 (1.378)		C2	75 Ω;No Gasket



M.H 159

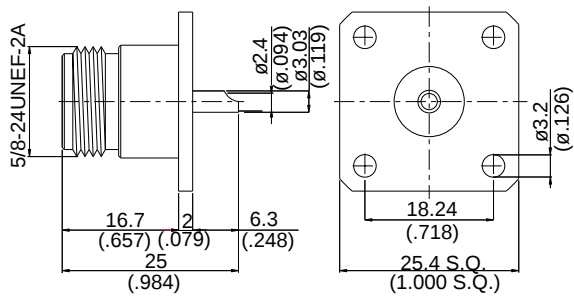


Figure 1

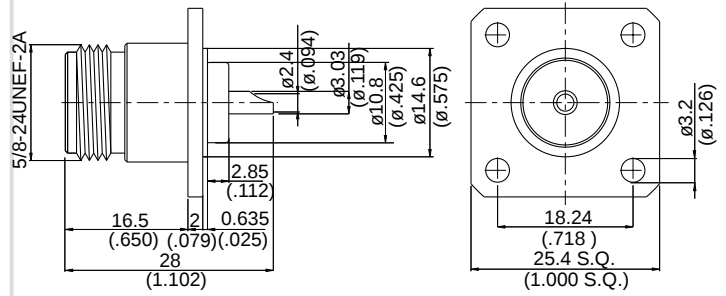


Figure 2

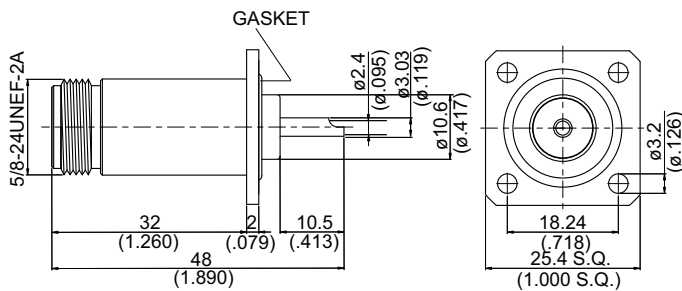


Figure 3

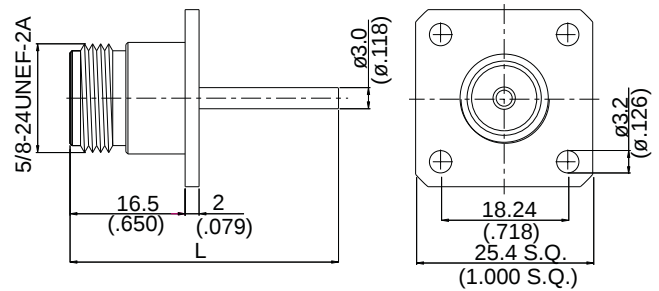


Figure 4

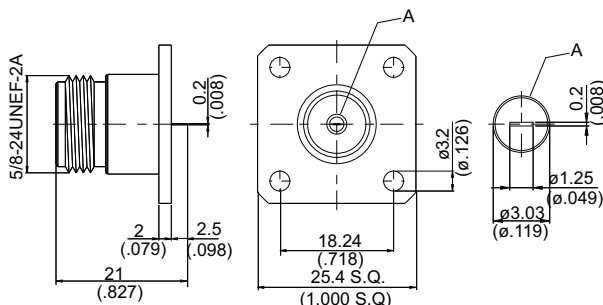


Figure 5

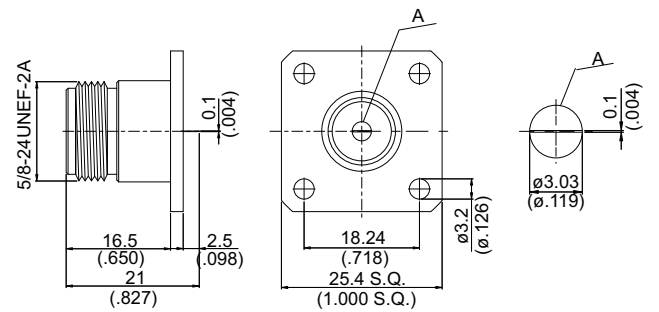


Figure 6

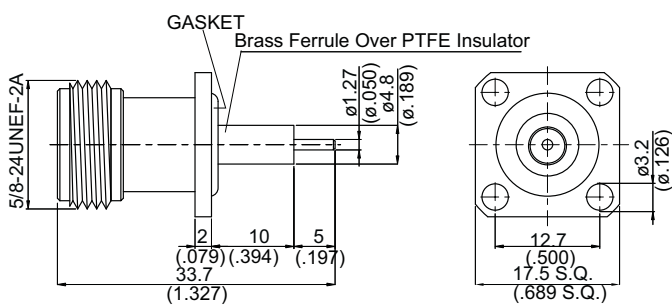
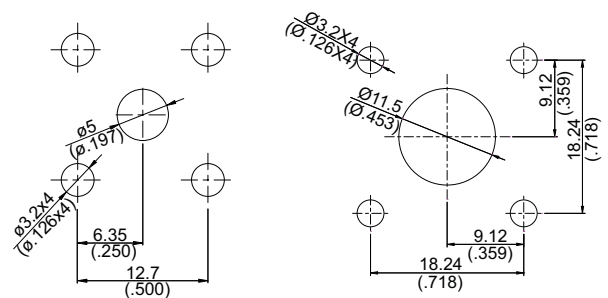


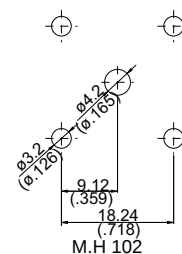
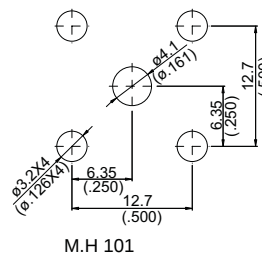
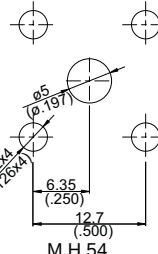
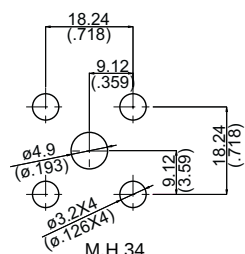
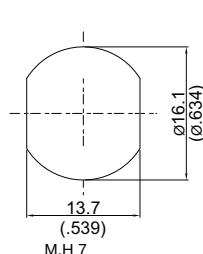
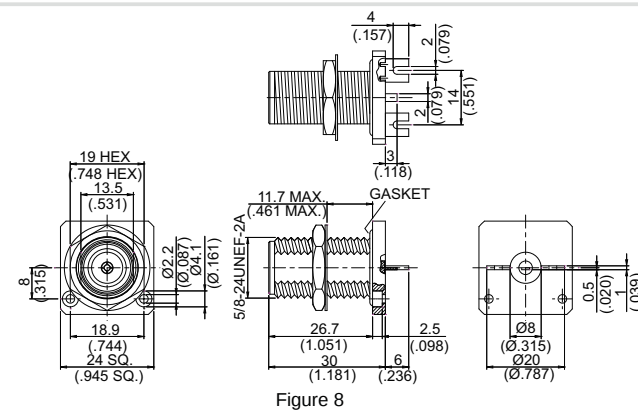
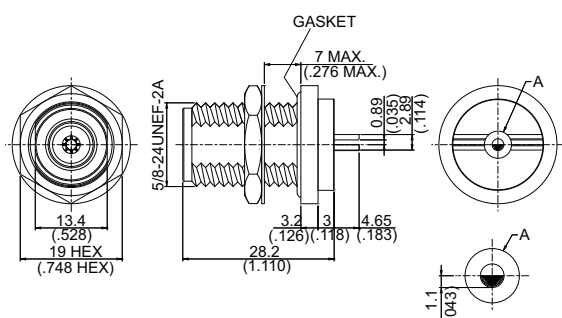
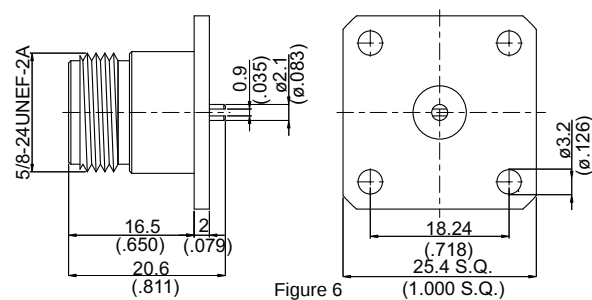
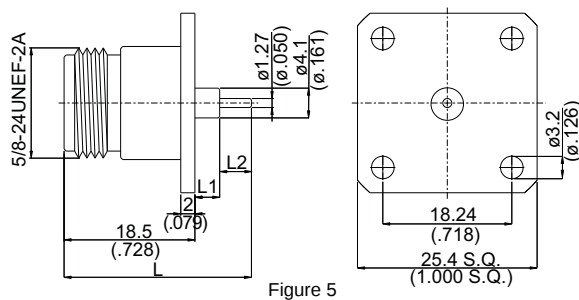
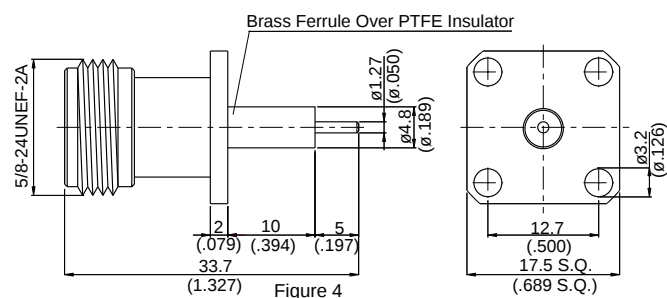
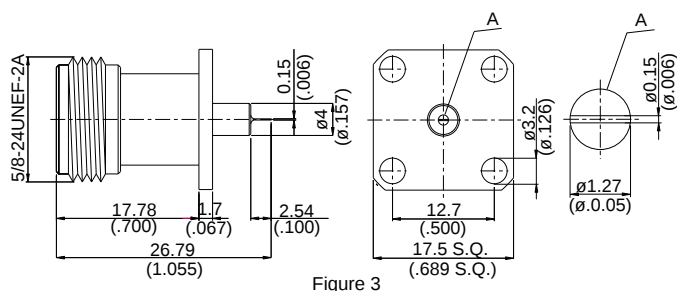
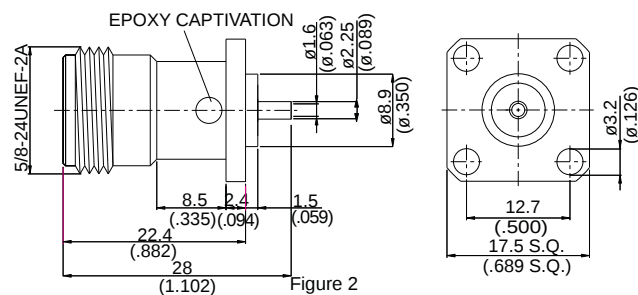
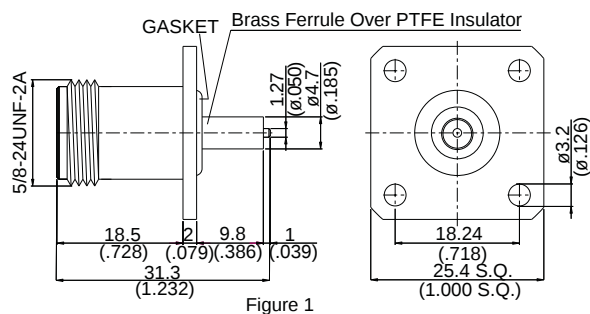
Figure 7



M.H 54

M.H 55A

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N JACK FOR PANEL RECEPTACLE					
N864A3-0000	1			C2	No Gasket
N864A3-00AB	1			C2	Epoxy Captivated Pin & Insulator
N864A3-0075	1			C2	No Gasket; 75Ω
N864A4-0000	2			C2	No Gasket
N864A8-0000	3		55A	B2	With Gasket
N864AL-0000	4	L=38.5(1.516)		C2	Comes Without Gasket, but Body Has Groove to Insert Gasket
N864AL-0000/NM	4	L=38.62(1.520)		C2	Comes Without Gasket, but Body Has Groove to Insert Gasket; Non Magnetic Connector
N864AL4-0000	4	L=47.5(1.870)		C2	Comes Without Gasket, but Body Has Groove to Insert Gasket; Non Magnetic Connector
N864AL1-0000	5			C2	Comes Without Gasket, but Body Has Groove to Insert Gasket
N864AL5-0000	5			C2	No Gasket
N864AL2-0000	6			B2	Comes Without Gasket, but Body Has Groove to Insert Gasket
N864B1-0000	7		54	A2	With Gasket
N964B1-0000	7		54	A2	Reverse Polarity Jack; With Gasket
N864B1R-0000	7		54	C2	Screw thread reversed; 5/8-24 UNEF-R-2A; With Gasket



PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N JACK FOR PANEL RECEPTACLE					
N864B2-0000	1		34	C2	With Gasket
N864B3-0000	2			B2	Without Gasket; Epoxy Captivation
N864B4-0000	3		101	C2	No Gasket
N864B5-0000	4		54	C2	No Gasket
N864H1-0000	5	L=26.5(1.043) L1=3.5(.138) L2=4.5(.177)	102	C2	No Gasket
N864H7-0000	5	L=36.4(1.433) L1=15(.590) L2=2.9(.114)	102	C2	No Gasket
N864H2-0000	6			C2	No Gasket
N8641-0000	7		7	C2	With Gasket
N8645-0000	8		7	C2	

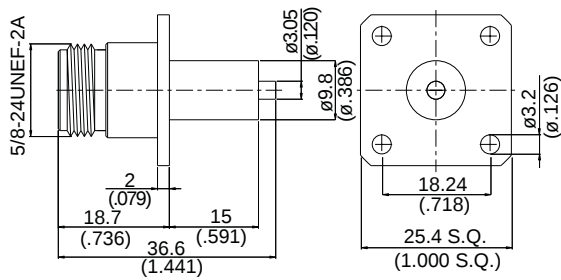


Figure 1

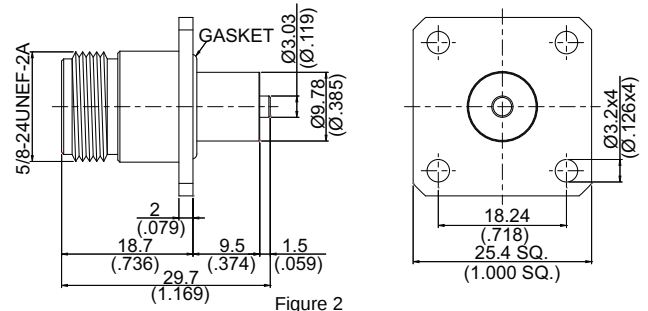


Figure 2

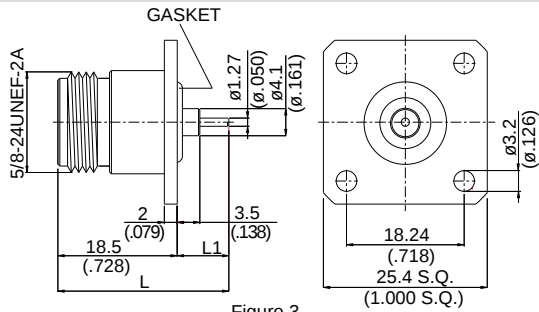


Figure 3

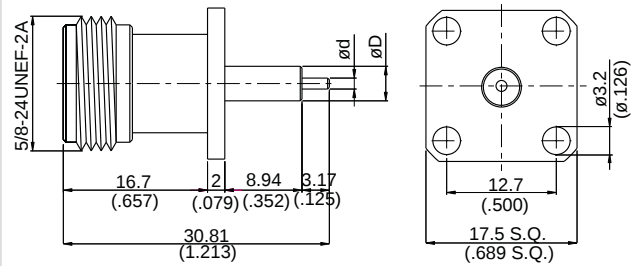


Figure 4

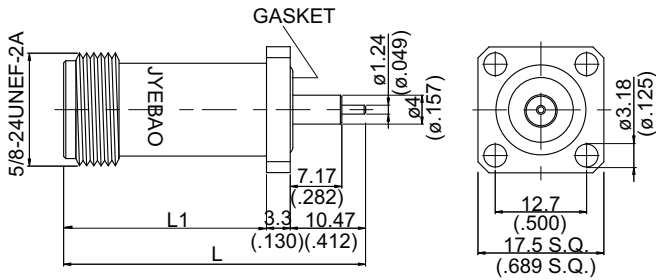


Figure 5

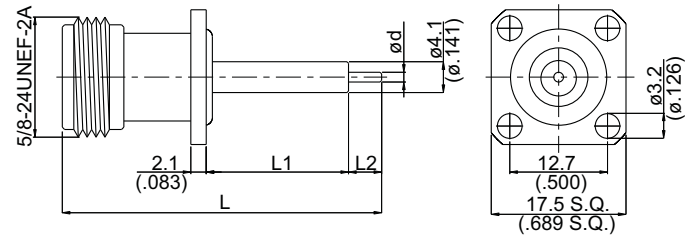
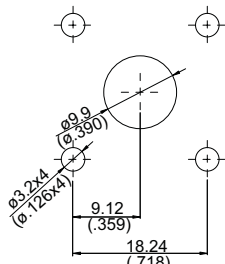
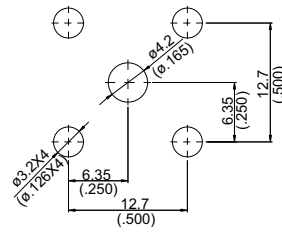


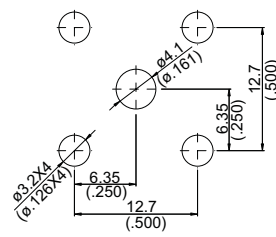
Figure 6



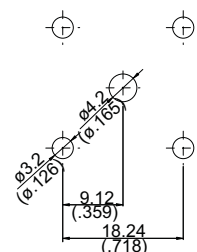
M.H 57



M.H 89



M.H 101



M.H 102

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N JACK FOR PANEL RECEPTACLE					
N864H3-0000	1		57	C2	No Gasket
N864H3-0000BE	1		57	B2	Beryllium Copper Pin;No Gasket
N864H3A-0000BE	2		57	B2	With Gasket
N864H4-0000	3	L=26.5(1.043) L1=8.0(.315)	102	C2	With Gasket
N864H6-0000	3	L=24.0(.945) L1=5.5(.217)	102	C2	With Gasket
N864H5-0000	4		89	C2	No Gasket
N864H5-0075	4		89	C2	75 Ω; No Gasket
N864L9-0000/NI	5	L=41.97(1.652) L1=28.2(1.110)	101	B17	With Gasket; Nickel Plated
N864L9A-0000/NI	5	L=58.1(2.287) L1=44.33(1.745)	101	B17	With Gasket; Nickel Plated
N864L-0000	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C2	With Gasket
N864L-0000/NI	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C17	With Gasket;Nickel Plated Body
N864LS-0000	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C3	With Gasket; Stainless Steel
N864L-0075	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=0.7(.028)	89	C2	75 Ω;With Gasket
N864L1-0000	6	L=41.5(1.634) L1=18.5(.728) L2=4.3(.169) ød=1.27(.050)	89	C2	With Gasket
N864L2-0000	6	L=29.5(1.161) L1=9.1(.358) L2=1.7(.067) ød=1.27(.050)	89	C2	With Gasket
N864L2-0000/NI	6	L=29.5(1.161) L1=9.1(.358) L2=1.7(.067) ød=1.27(.050)	89	C17	With Gasket;Nickel Plated Body
N864L2S-0000	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C3	With Gasket;Stainless
N864L3-0000	6	L=27.2(1.071) L1=6.5(.256) L2=2(.079) ød=1.27(.050)	89	C2	With Gasket
N864L4-0000	6	L=33.3(1.31) L1=11.43(.450) L2=3.17(.125) ød=1.27(.050)	89	C2	With Gasket
N864L5-0000	6	L=25.8(1.06) L1=5.1(.201) L2=2(.079) ød=1.27(.050)	89	C2	With Gasket
N864L5-0000/NM	6	L=25.8(1.06) L1=5.1(.201) L2=2(.079) ød=1.27(.050)	89	C2	With Gasket;Non-magnetic
N864LA-0000	6	L=29.5(1.161) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C2	No gasket
N864LA1-0000	6	L=41.5(1.634) L1=18.5(.728) L2=4.3(.169) ød=1.27(.050)	89	C2	No gasket
N864LAE-0000	6	L=29.3(1.154) L1=6.5(.256) L2=4.3(.169) ød=1.27(.050)	89	C2	No gasket; Epoxy Captivation

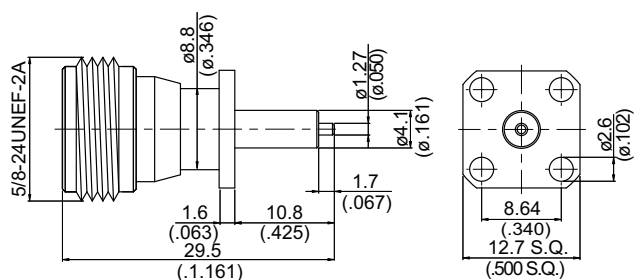


Figure 1

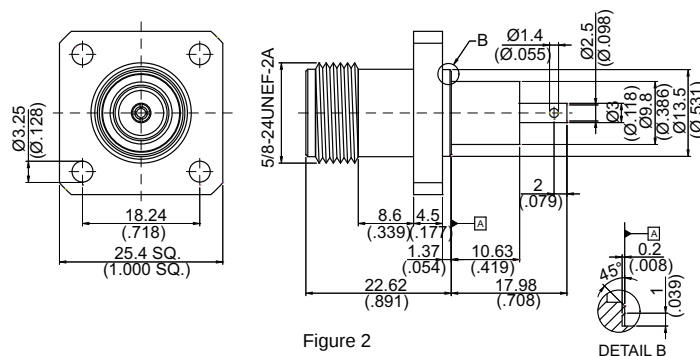


Figure 2

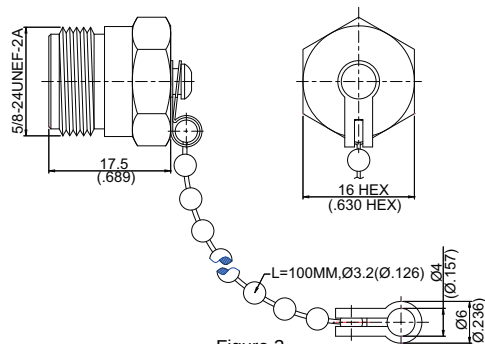


Figure 3

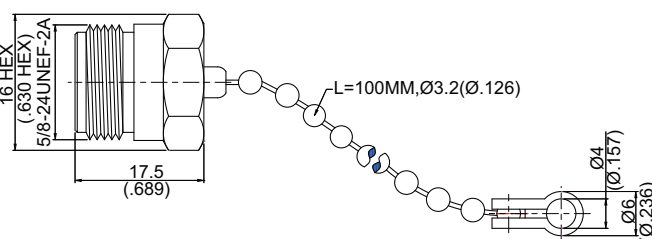


Figure 4

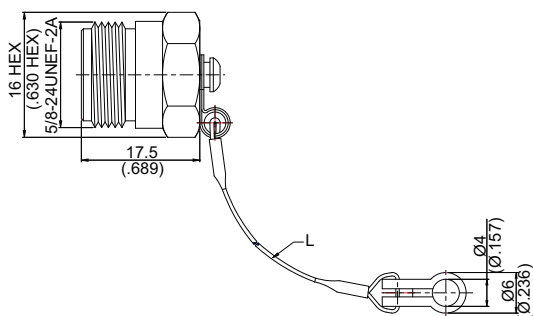


Figure 5

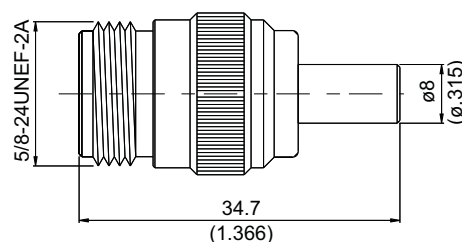


Figure 6

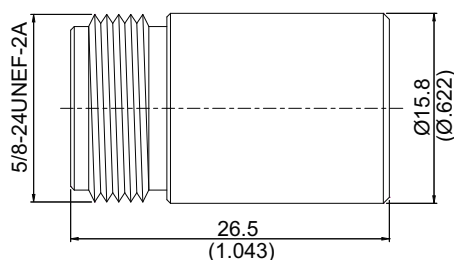
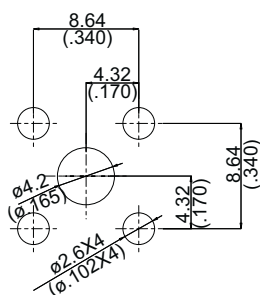


Figure 7



M.H 18

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks
N JACK FOR PANEL RECEPTACLE					
N864L7-0000	1		18	C2	No Gasket
N864PW-0000/HS	2			B2	Hermetically Sealed
N JACK CAP					
N8800-0000	3			2	
N8801-0000	4			2	
N8801-0000/BL	4			20	Black Chromium Surface Treatment
N88NY-0000	5	L=105(4.134)		20	Black Chromium Surface Treatment; Stainless Steel Wire
N88NY-12CM	5	L=120(4.724)		2	Stainless Steel Wire
N JACK TERMINATION					
N8900-002.5	6			C2	2W Average Power; VSWR≤1.2 up to 2GHz
N8900-0004	7			C2	2W Average Power; VSWR≤1.2 up to 4GHz
N8900-0006	7			C2	2W Average Power; VSWR≤1.2 up to 6GHz
N8900-0018	7			C2	2W Average Power; VSWR≤1.2 up to 18GHz
N8900S-0018	7			C3	2W Average Power; VSWR≤1.2 up to 18GHz;Stainless

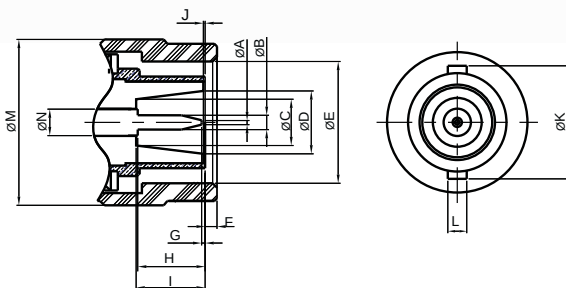
C SERIES Coaxial Connectors

FEATURES

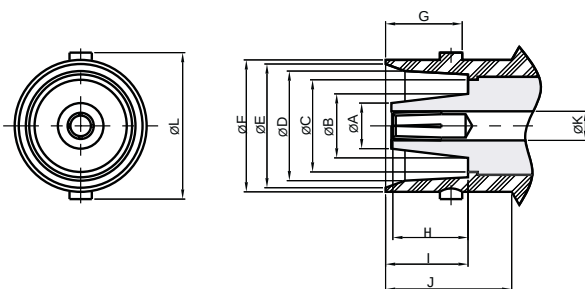
C connectors are bayonet locked connectors for 50Ω microwave applications up to 11Ghz but can also be used for 75Ω applications up to 1Ghz. They offer a good power handling and the advantage of a quick connection and disconnection.

INTERFACE MATING DIMENSIONS

PLUG:



JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	—	1.27(.050)
B	2.28(.090)	2.34(.092)
C	4.93(.194)	—
D	7.01(.276)	—
E	13.8(.543)	13.94(.549)
F	—	2.16(.085)
G	0.08(.003)	1(.039)
H	7.8(.307)	—
I	7.85(.309)	—
J	0.18(.007)	—
K	15.54(.612)	—
L	2.64(.104)	2.9(.114)
M	—	19.84(.781)
N	3.02(.119)	3.15(.124)

Letter	Millimeters (inch)	
	Minimum	Maximum
A	—	4.83(.190)
B	—	6.9(.272)
C	—	9.5(.374)
D	11.18(.440)	11.43(.450)
E	12.32(.485)	12.57(.495)
F	13.46(.530)	13.72(.540)
G	7.8(.307)	7.95(.313)
H	6.93(.273)	7.7(.303)
I	8.43(.332)	8.59(.338)
J	—	12.57(.495)
K	3.02(.119)	3.15(.124)
L	15(.591)	15.24(.600)

Note: Jyebao C connectors meet the interface requirements of MIL-STD-348A

● TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	3000
Impedance	50Ω
Frequency Range	DC up to 11 GHz
Insulation Resistance	5000MΩ
Contact Resistance Inner Conductor	≤1mΩ
Contact Resistance Outer Conductor	≤0.15mΩ

Mechanical Data	
Mating	2 stud bayonet coupling per MIL-C-39012
Center Contact Retention Force	6lbs.min axial force
Durability (matings)	≥500

Environmental Data	
Temperature Range	-66°C...+165°C

● VSWR

1.22 at 3 Ghz

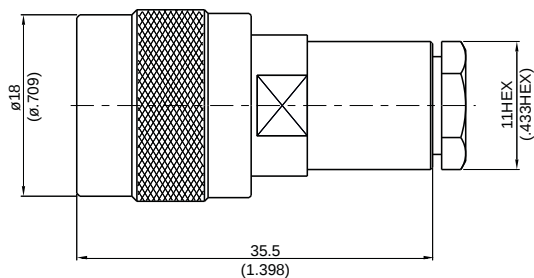


Figure 1

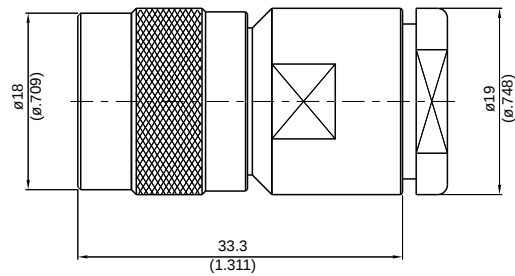


Figure 2

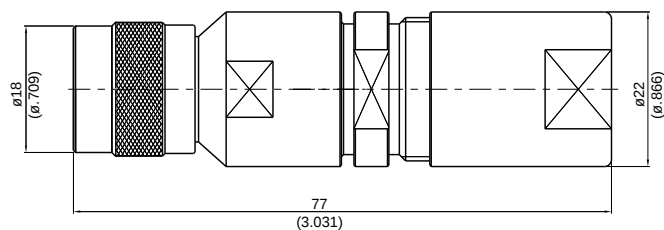


Figure 3

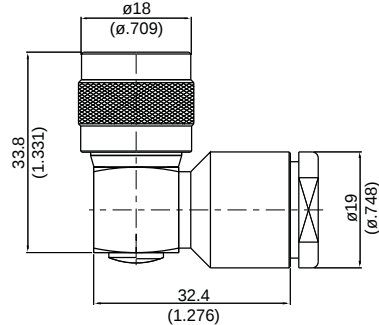


Figure 4

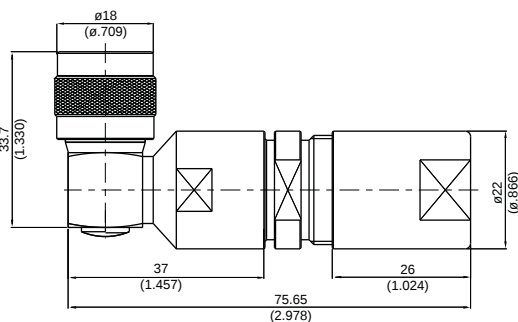


Figure 5

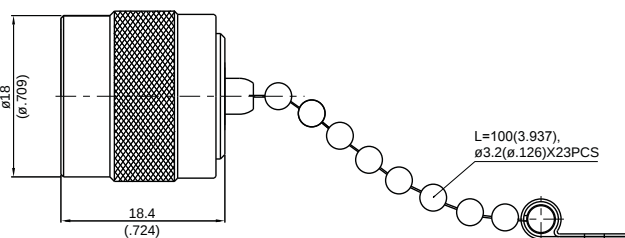


Figure 6

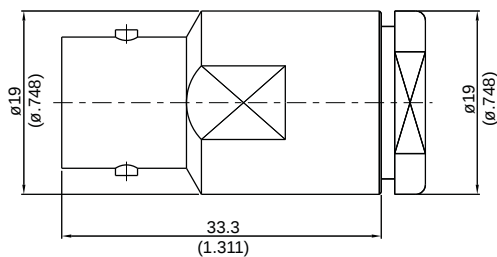


Figure 7

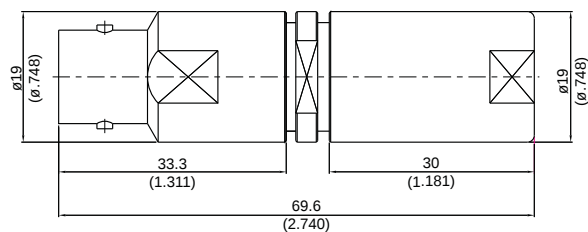


Figure 8

PART NUMBER	Fig.	Cable Group	Material	Pin Entry		Crimp Insert
				Solder	Crimp	
C PLUG CLAMP						
C3200B-0058	1	58&142	A11	v*	v*	A15
C3200B-0005	2	5	A11	v*	v*	A15
C3200B-0213	2	213	A11	v*	v*	A15
C3200B-0214	2	214	A11	v*	v*	A15
C3200B-0217	3	217	A11	v		
C PLUG CLAMP RIGHT ANGLE						
C3200B-9213	4	213	A11	v		
C3200B-9217	5	217	A11	v		
C PLUG CAP						
C3800-0000	6		11			
C JACK CLAMP						
C8200B-0005	7	5	C2	v*	v*	C1
C8200B-0213	7	213	C2	v*	v*	C1
C8200B-0214	7	214	C2	v*	v*	C1
C8200B-0010	8	10	C2	v		

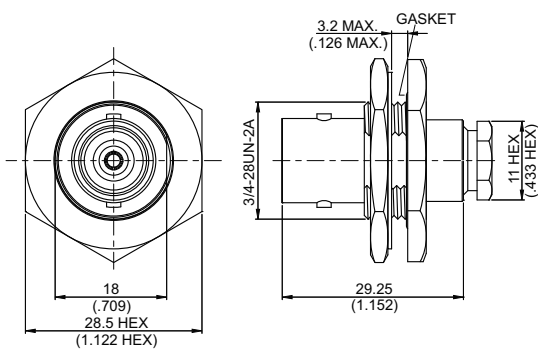


Figure 1

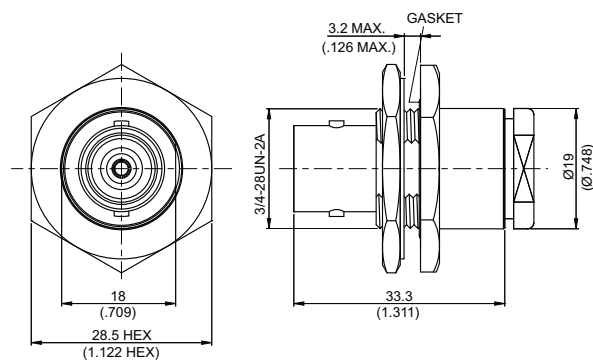


Figure 2

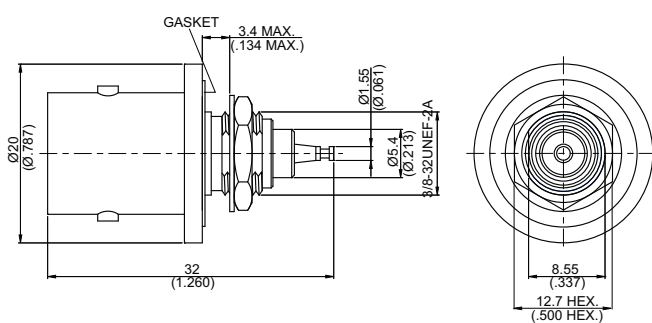


Figure 3

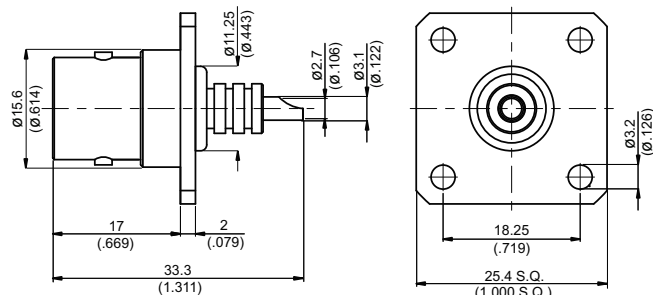


Figure 4

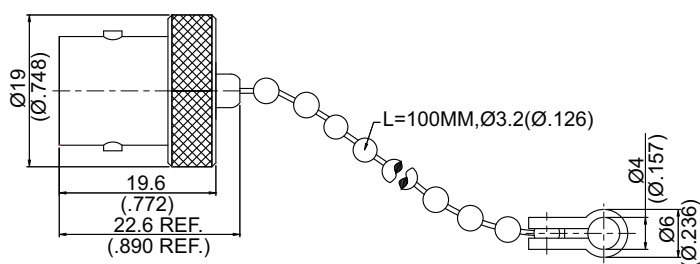
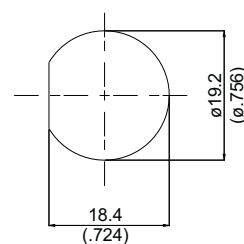
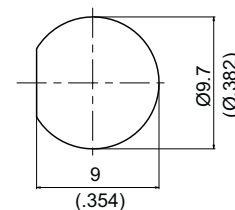


Figure 5

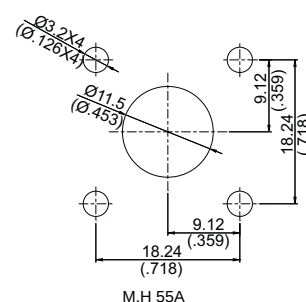


M.H 8



M.H 4

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
C JACK CLAMP FOR BULKHEAD								
C8205B-0058	1	8	58&142	C2	v*	v*	A15	With Gasket
C8205B-0005	2	8	5	C2	v*	v*	C1	With Gasket
C8205B-0213	2	8	213	C2	v*	v*	C1	With Gasket
C8205B-0214	2	8	214	C2	v*	v*	C1	With Gasket
C JACK FOR BULKHEAD								
C8500-0000	3	4		C2				With Gasket
C JACK FOR PANEL RECEPTACLE								
C864A-0000	4	55A		B2				
C JACK CAP								
C8800-0000	5			2				



M.H 55A

LC SERIES

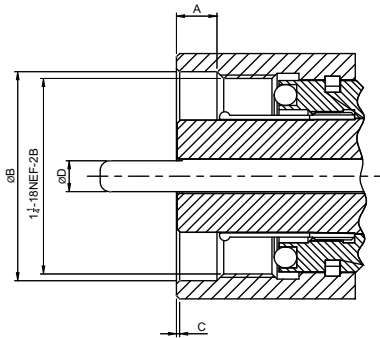
High Voltage Connectors

FEATURES

LC series connectors are large, high voltage, 50 Ω connectors.

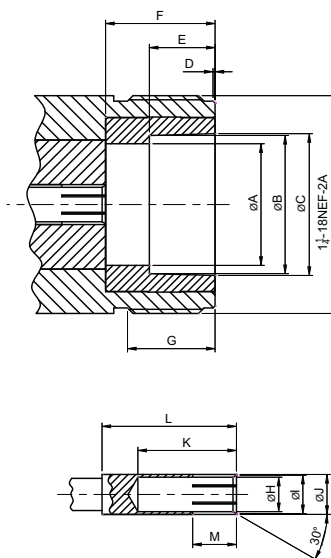
INTERFACE MATING DIMENSIONS

SMALL LC STANDARD PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	5.944(.234)	6.756(.266)
B	32.41(1.276)	32.66(1.286)
C	0.787(.031)x45.5°	0.787(.031)x45.5°
D	4.75(.187)	4.80(.189)

SMALL LC STANDARD JACK:



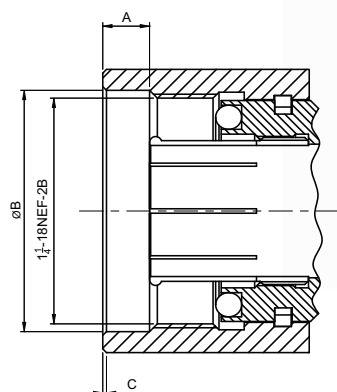
Letter	Millimeters(Inch)	
	Minimum	Maximum
A	17.60(.693)	17.70(.697)
B	20.015(.788)	20.066(.790)
C	20.48(.806)	20.67(.814)
D	1.19(.047)	1.98(.078)
E	9.48(.373)	9.57(.377)
F	15.83(.623)	15.92(.627)
G	12.30(.484)	13.10(.516)
H	-	5.13(.202)
I	5.385(.212)	5.588(.220)
J	5.766(.227)	5.816(.229)
K	-	14.274(.562)
L	-	19.05(.750)
M	-	6.35(.250)

NOTES

JYEBAO LC CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD-348A

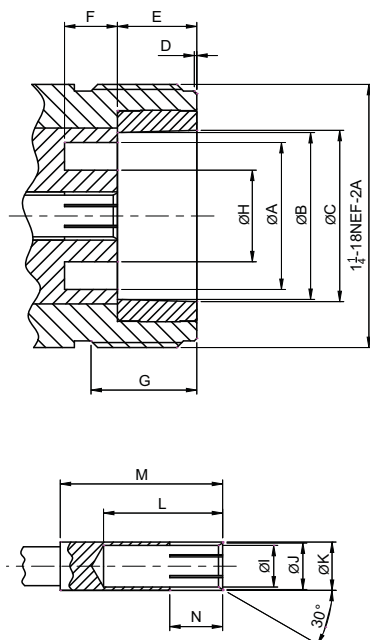
● INTERFACE MATING DIMENSIONS

SMALL LC HIGH VOLTAGE PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	5.944(.234)	6.756(.266)
B	32.41(1.276)	32.66(1.286)
C	0.787(.031)x44.5°	0.787(.031)x45.5°

SMALL LC HIGH VOLTAGE JACK:



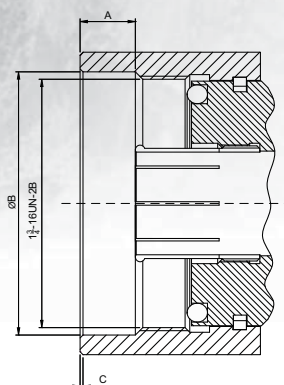
Letter	Millimeters(Inch)	
	Minimum	Maximum
A	17.66(.695)	17.75(.699)
B	20.015(.788)	20.066(.790)
C	20.48(.806)	20.67(.814)
D	1.19(.047)	1.98(.078)
E	9.48(.373)	9.57(.377)
F	6.30(.248)	6.40(.252)
G	12.30(.484)	13.10(.516)
H	11.00(.433)	11.10(.437)
I	-	5.13(.202)
J	5.385(.212)	5.588(.220)
K	5.766(.227)	5.816(.229)
L	-	14.274(.562)
M	-	19.05(.750)
N	-	6.35(.250)

NOTES

JYEBAO LC CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD-348A

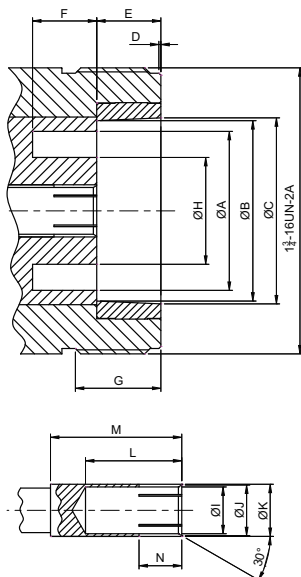
INTERFACE MATING DIMENSIONS

LARGE LC PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	9.13(.3594)	9.92(.3906)
B	44.85(1.766)	45.64(1.796)
C	0.787(.031)x44.5°	0.787(.031)x45.5°

LARGE LC JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	23.52(.926)	23.72(.934)
B	26.77(1.054)	26.82(1.056)
C	27.51(1.083)	27.76(1.093)
D	1.19(.047)	1.98(.078)
E	9.48(.373)	9.57(.377)
F	9.48(.373)	9.57(.377)
G	15.47(.609)	16.28(.641)
H	15.78(.621)	15.97(.629)
I	-	6.88(.271)
J	7.34(.289)	7.54(.297)
K	7.72(.304)	7.77(.306)
L	-	14.274(.562)
M	-	19.05(.750)
N	-	6.35(.250)

NOTES

JYEBAO LC CONNECTORS MEET THE INTERFACE REQUIREMENTS OF MIL-STD-348A

● TECHNICAL DATA

Electrical Data	
Max Peak Power(kW)	60
Working Voltage (in V rms)	≤5000
Impedance	50 Ω
Frequency Range	DC up to 1GHz

Mechanical Data	
Durability (matings)	500(min)

Environmental Data	
Temperature range	-55°C to+155°C

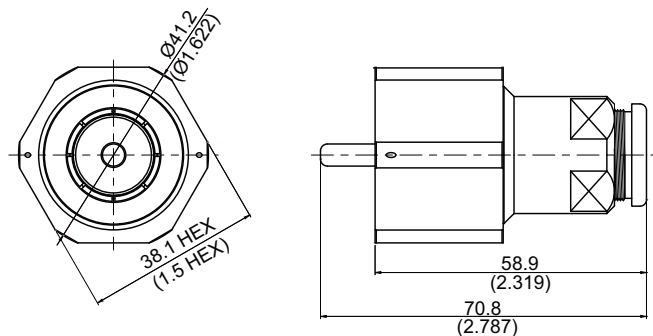


Figure 1

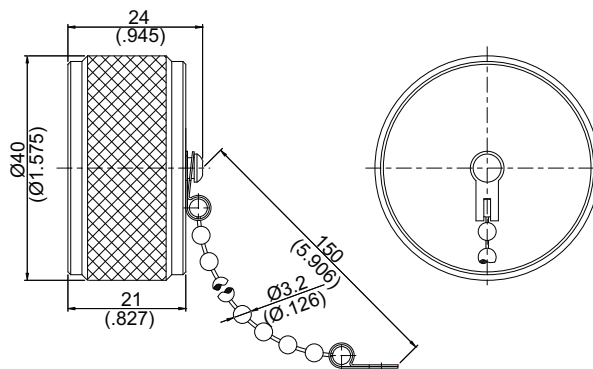


Figure 2

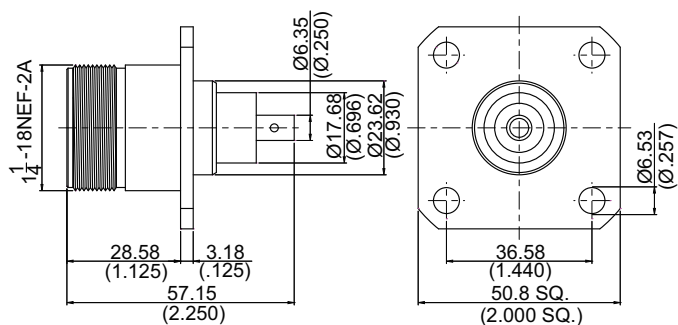


Figure 3

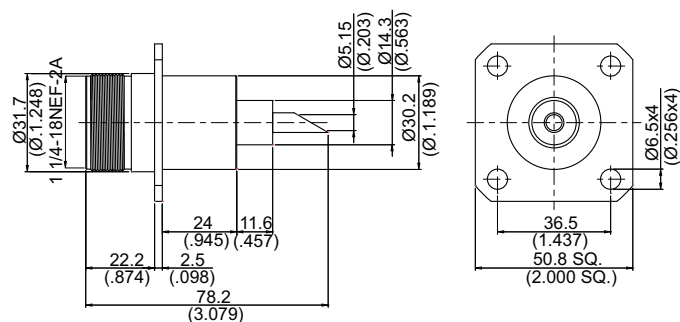
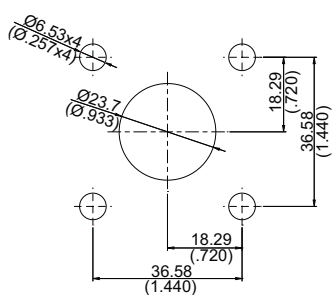
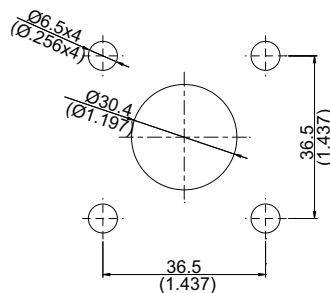


Figure 4



M.H 140



M.H 140A

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
LC PLUG CLAMP							
LC3200-0217	1		217	D11	v		Small LC Standard Plug Interface
LC PLUG DUST CAP							
LC3800-0000	2			12			For Small LC
LC JACK FOR PANEL RECEPTACLE							
LC8640-0000	3	140		F2			Small LC Standard Jack Interface
LC8640A-0000	4	140A		F2			Small LC Standard Jack Interface

7/16 SERIES

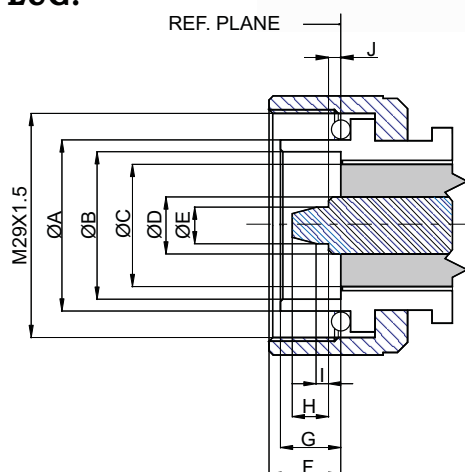
Medium Sized Connectors

FEATURES

7/16 are very stable and rugged 50 ohm coaxial connectors suitable for applications up to 7.5GHz. They offer a very low signal distortion from intermodulation and have a very low attenuation.

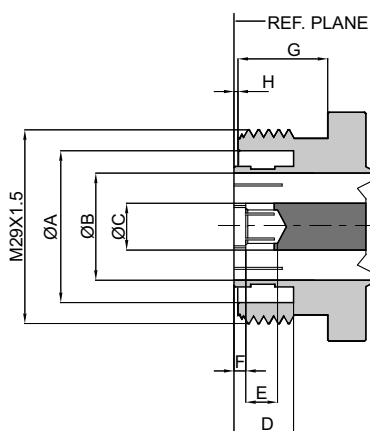
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	20.58(.810)	21.42(.843)
B	18.03(.710)	18.24(.718)
C	16.05(.632)	
D	6.98(.275)	
E	4.96(.195)	5.04(.198)
F	7.00(.276)	9.00(.354)
G	7.00(.276)	8.00(.315)
H	—	4.50(.177)
I	1.50(.059)	
J	1.47(.058)	1.77(.070)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	22.08(.869)	22.92(.902)
B	16.05(.632)	
C	6.98(.275)	
D	8.10(.319)	—
E	5.00(.197)	—
F	1.77(.070)	2.07(.081)
G	10.00(.394)	—
H	0.50(.020)	0.7(.028)

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	4000
Working Voltage (at sea level, in V rms, 50Hz)	≤2700
Impedance	50 Ω
Frequency Range	DC up to 7.5GHz
RF-leakage	≥128dB at 1 GHz
Insulation Resistance	≥10000M Ω
Contact Resistance Inner Conductor	≤0.4m Ω
Contact Resistance Outer Conductor	≤1.5m Ω

Mechanical Data	
Recommended Coupling Nut Torque	260 in.lbs
Coupling Proof Torque	310 in.lbs
Coupling Nut Retention Force	221 in.lbs
Contact Captivation	45 in. lbs
Durability (matings)	500(min)

Environmental Data	
Temperature range	-65°C...+165°C
Corrosion	MIL-STD-202, Method 101, Condition B

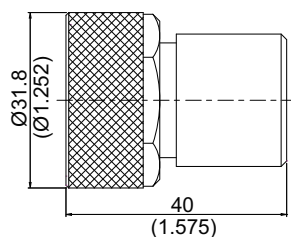


Figure 1

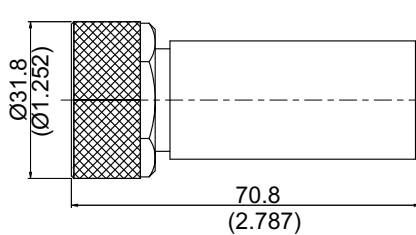


Figure 2

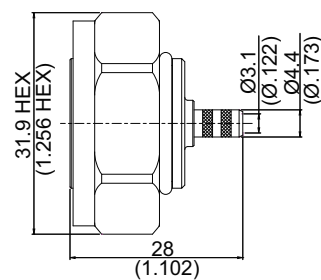


Figure 3

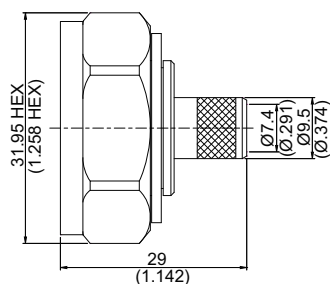


Figure 4

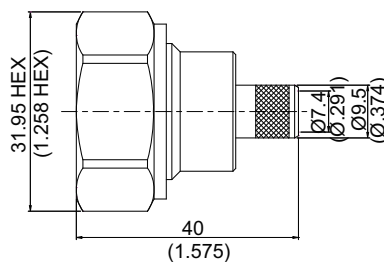


Figure 5

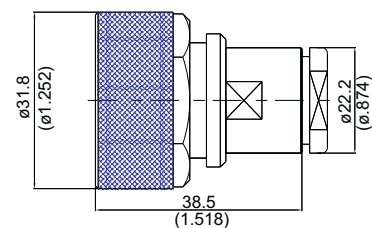


Figure 6

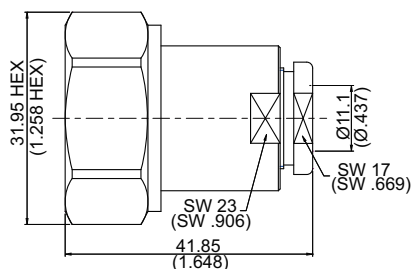


Figure 7

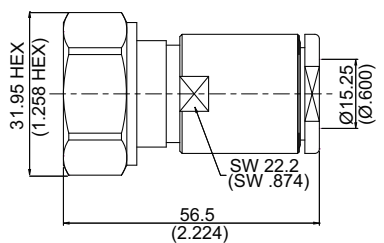


Figure 8

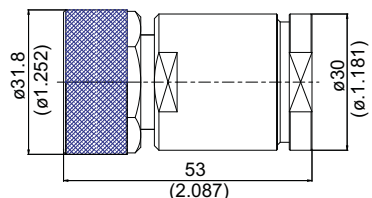


Figure 9

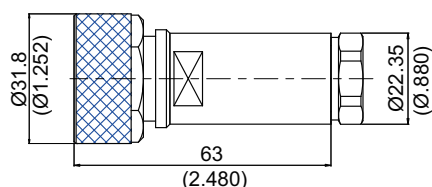


Figure 10

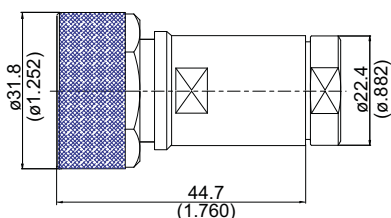


Figure 11

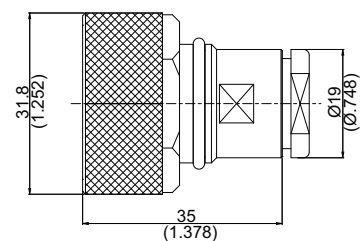


Figure 12

PART NUMBER	Fig.	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
				Solder	Crimp	Plug In		
7/16 PLUG SHORT END								
7/16-3000-0000	1		D11					
7/16 PLUG OPEN								
7/16-3A00-0000	2		11					
7/16 PLUG CRIMP								
7/16-3100-0058	3	58	D11	v			B7	
7/16-3100-0142	3	142	D11	v			B7	
7/16-3100-0223	3	223	D11	v			B8	
7/16-3100-L400	4	400	D11	v			C7	
7/16-3100-0213	5	213	A11	v*	v*		C7/C5	Comes With Protective Cap
7/16-3100-0214	5	214	A11	v*	v*		C7/C5	Comes With Protective Cap
7/16 PLUG CLAMP								
7/16-3200-08DF	12	8DFB	A11	v				
7/16-3200B-0213	12	213	A11	v				
7/16-3200B-0214	12	214	A11	v				
7/16-3200B-0393	12	393	A11	v				
7/16-3200B-0217	6	217	D11	v				
7/16-3200B-L400	7	400	D11	v				
7/16-3200B-L600	8	600	D11			v		
7/16-3200B-0218	9	218	D11	v				
7/16-3200B-1/2A	10	1/2A	D11			v		For 1/2" Foam Dielectric
7/16-3200B1-LDF4	11	1/2B	D11	v				For 1/2" Superflexible Foam Dielectric

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

www.jyebao.com.tw Tel : 886-2-29029282 Fax: 886-2-29029283 E-mail: jyebao@jyebao.com.tw

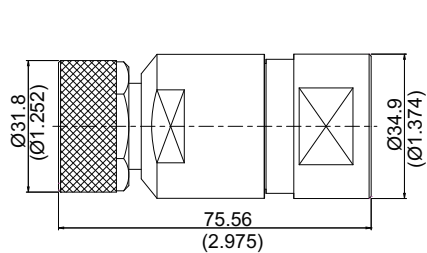


Figure 1

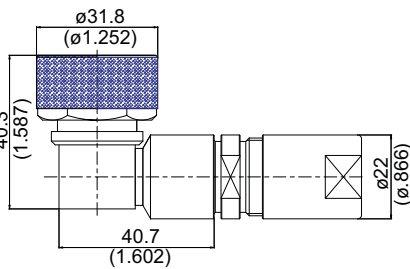


Figure 2

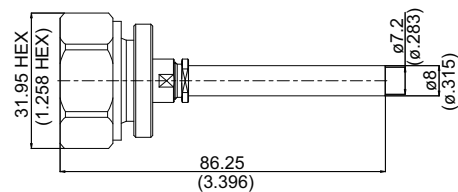


Figure 3

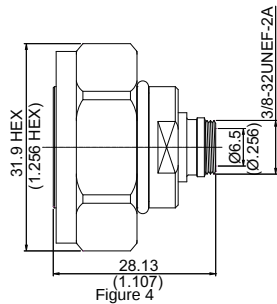


Figure 4

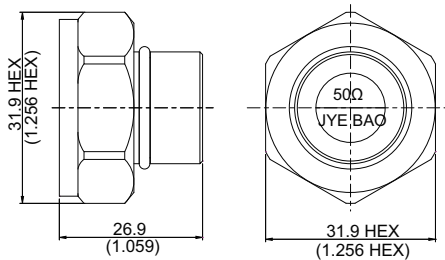


Figure 5

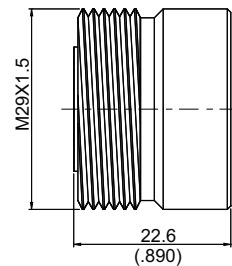


Figure 6

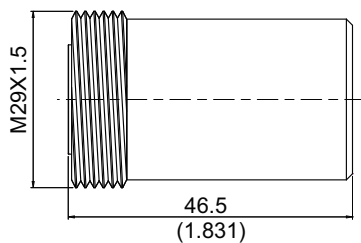


Figure 7

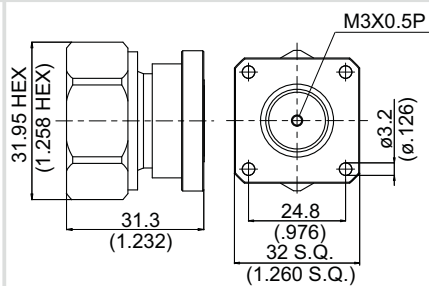


Figure 8

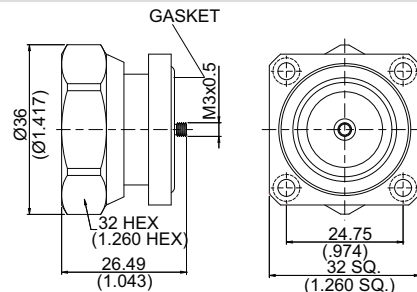


Figure 9

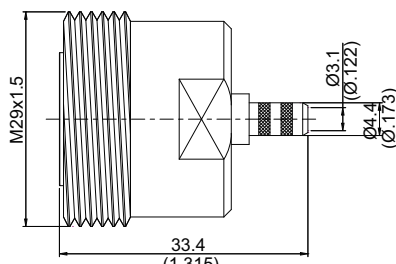


Figure 10

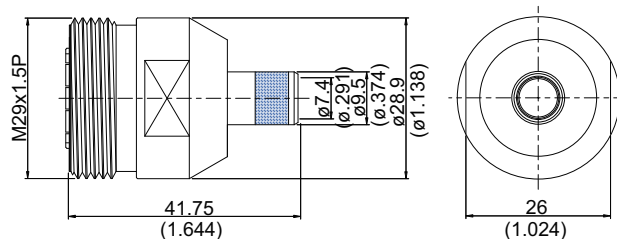


Figure 11

PART NUMBER	Fig.	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
				Solder	Crimp	Plug In		
7/16 PLUG CLAMP								
7/16-3200B-7/8A	1	7/8A	D11			v		For 7/8" Foam Dielectric
7/16 PLUG CLAMP RIGHT ANGLE								
7/16-3200B-9217	2	217	D11	v				
7/16 PLUG SOLDER CLAMP								
7/16-3300-0250	3	.250	E11			v		
7/16-3300A-0250	4	.250	E11			v		
7/16 PLUG FOR PANEL RECEPTACLE								
7/16-3640-0000	8		D11					
7/16-3641-0000	9		D11					Hermetically Sealed
7/16 PLUG TERMINATOR								
7/16-3900-0002	5		D11					50Ω; 2W Average Power; VSWR1.2 up to 5GHz; VSWR 1.28 from 5GHz To 6GHz
7/16 JACK SHORT END								
7/16-8000-0000	6		E2					
7/16 JACK OPEN								
7/16-8A00-0000	7		2					
7/16 JACK CRIMP								
7/16-8100-0058	10	58	E2	v			B7	
7/16-8100-0142	10	142	E2	v			B7	
7/16-8100-0223	10	223	E2	v			B8	
7/16-8100-0213	11	213	E2	v*	v*		C7/C5	
7/16-8100-0214	11	214	E2	v*	v*		C7/C5	

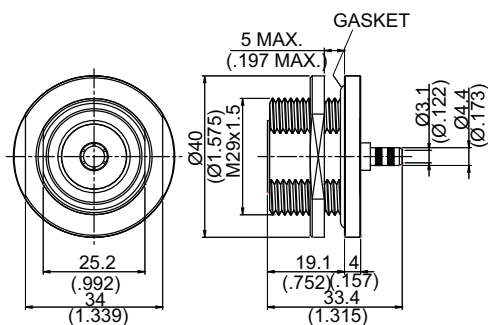


Figure 1

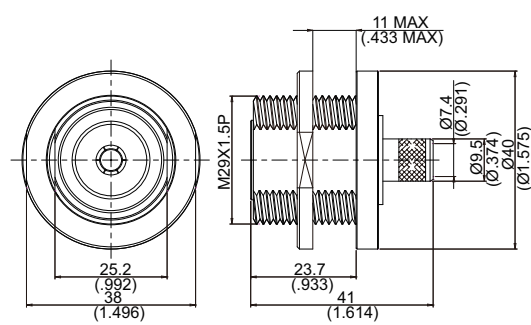


Figure 2

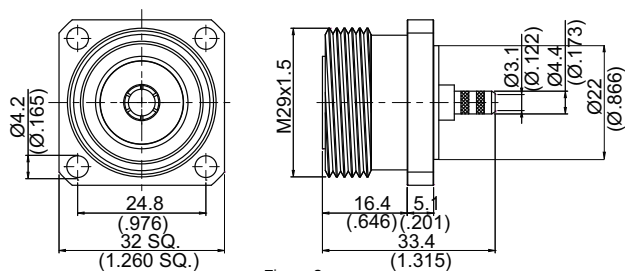


Figure 3

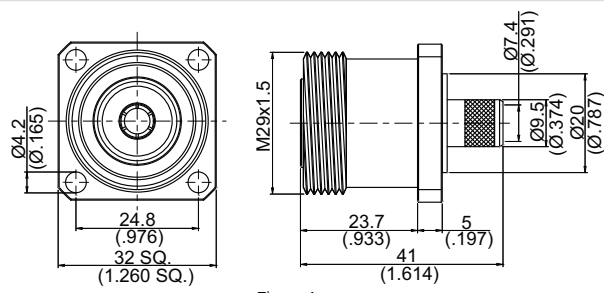


Figure 4

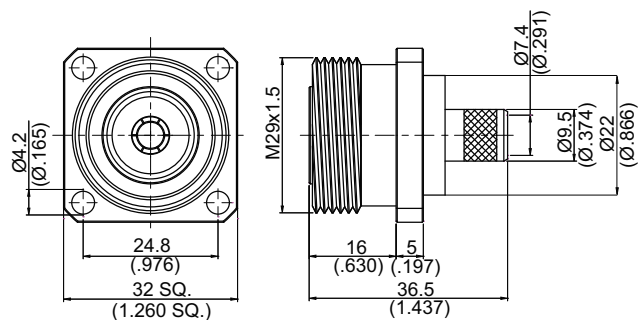


Figure 5

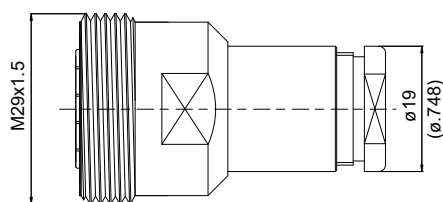
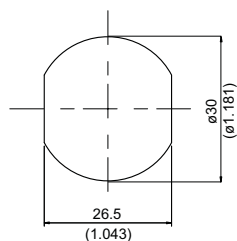
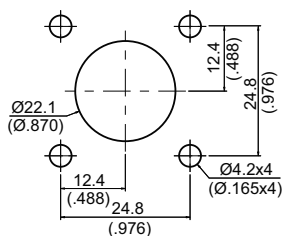


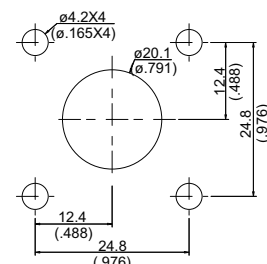
Figure 6



M.H 117



M.H 129A



M.H 129B

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Piug In		
7/16 JACK CRIMP FOR BULKHEAD									
7/16-8105-0058	1	117	58	E2	v			B7	With Gasket
7/16-8105-0142	1	117	142	E2	v			B7	With Gasket
7/16-8105-0223	1	117	223	E2	v			B8	With Gasket
7/16-8105-L200	1	117	200	E2	v			B7	No Gasket
7/16-8105-L400	2	117	400	E2	v*	v*		C7/C5	No Gasket;Comes With Protective Cap
7/16 JACK CRIMP FOR PANEL RECEPTACLE									
7/16-8146-0058	3	129A	58	E2			v	B7	No Gasket
7/16-8146-0142	3	129A	142	E2			v	B7	No Gasket
7/16-8146-0223	3	129A	223	E2			v	B8	No Gasket
7/16-8146-0213	4	129B	213	E2	v*	v*		C7/C5	No Gasket;Comes With Protective Cap
7/16-8146-0214	4	129B	214	E2	v*	v*		C7/C5	No Gasket;Comes With Protective Cap
7/16-8146A-0214	5	129A	214	E2	v*	v*		C7/C5	No Gasket;Comes With Protective Cap
7/16 JACK CLAMP									
7/16-8200-0213	6		213	E2	v*	v*		C8	
7/16-8200-0214	6		214	E2	v*	v*		C8	
7/16-8200-0217	6		217	E2	v*	v*		C8	

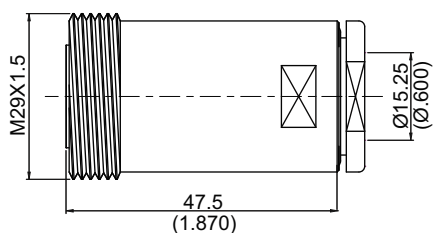


Figure 1

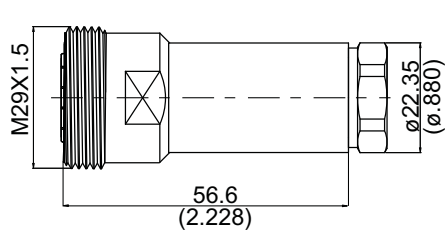


Figure 2

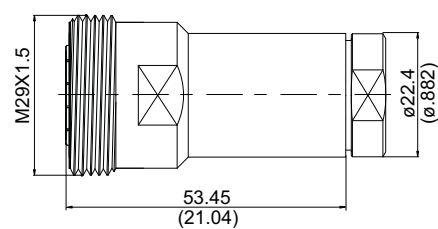


Figure 3

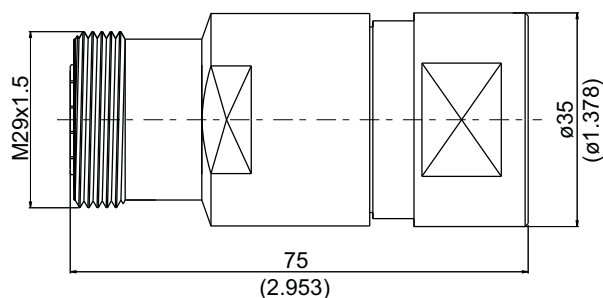


Figure 4

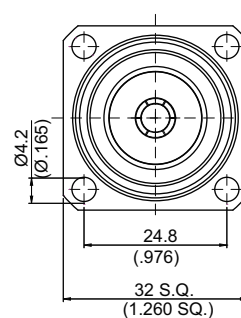


Figure 5

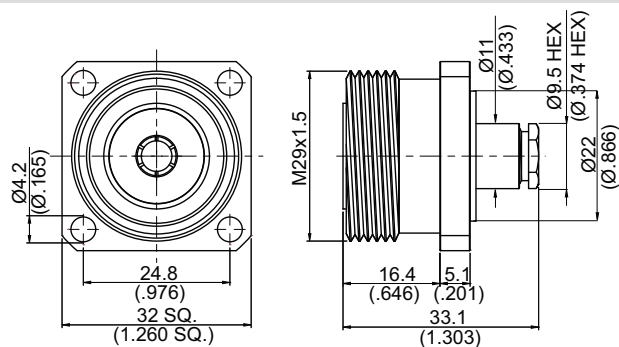
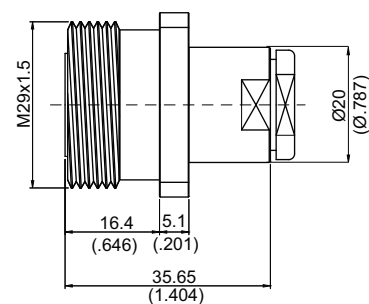


Figure 6

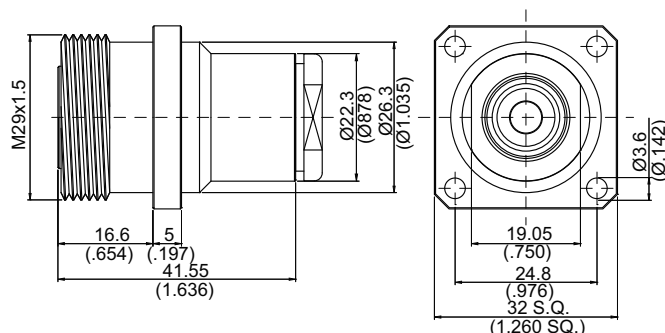
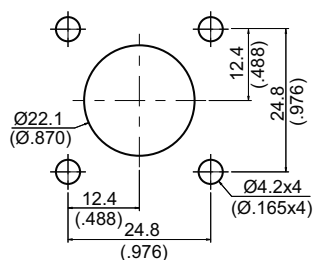
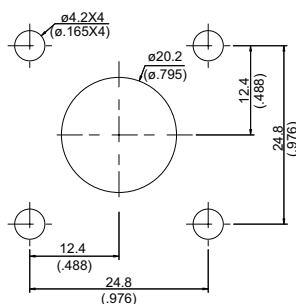


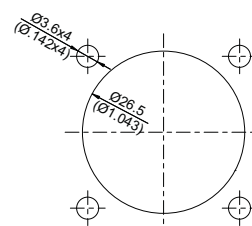
Figure 7



M.H 129A



M.H 129C



M.H 155

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
					Solder	Crimp	Plug In		
7/16 JACK CLAMP									
7/16-8200B-L600	1		600	E2			v		
7/16-8200B-1/2A	2		1/2A	E2			v		For 1/2" Foam Dielectric
7/16-8200B-1/2B	3		1/2B	E2			v		For 1/2" Superflexible Foam Dielectric
7/16-8200B-7/8A	4		7/8A	E2			v		For 7/8" Foam Dielectric
7/16 JACK CLAMP FOR PANEL RECEPTACLE									
7/16-8246-8DFB	5	129C	8DFB	E2			v		No Gasket
7/16-8246-0142	6	129A	58&142	E2			v		No Gasket
7/16-8246-0217	7	155	217	E2	v*	v*		C8	No Gasket

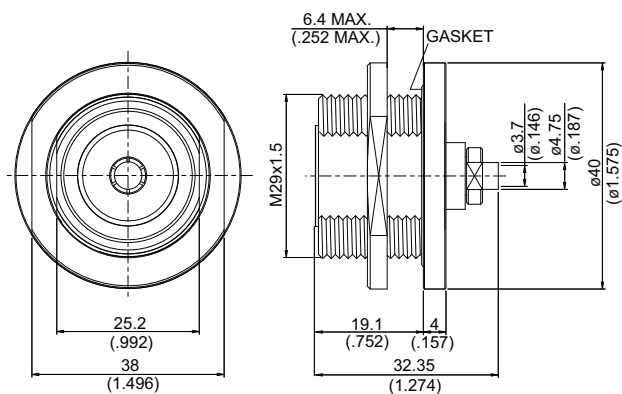


Figure 1

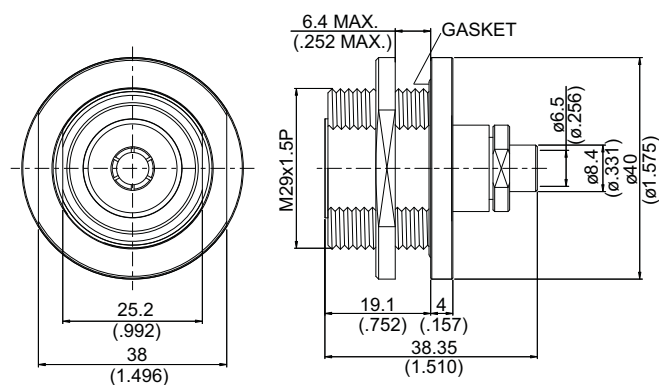


Figure 2

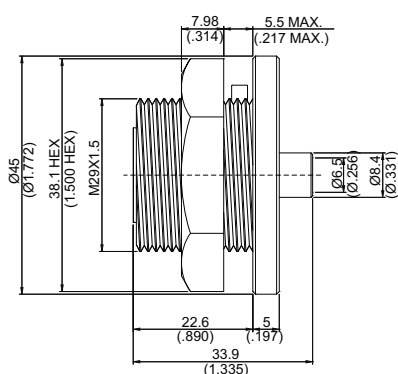


Figure 3

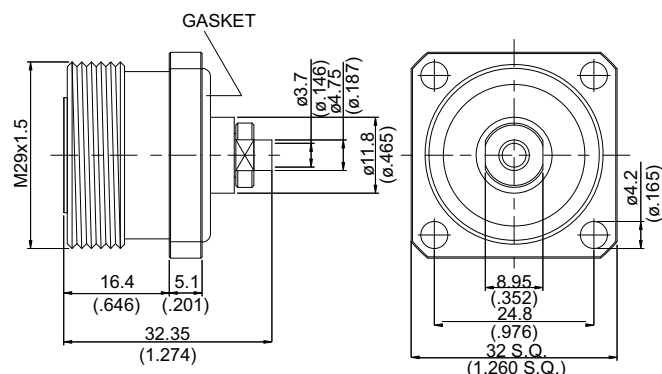


Figure 4

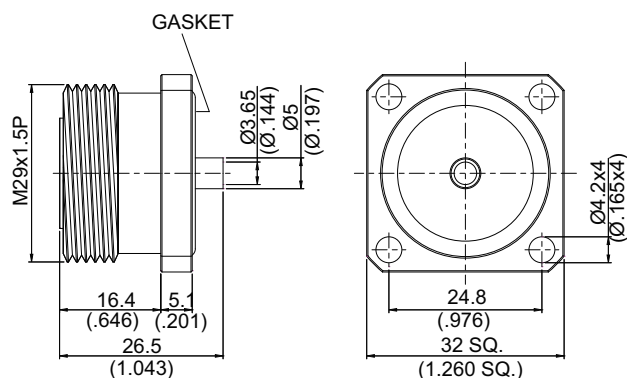


Figure 5

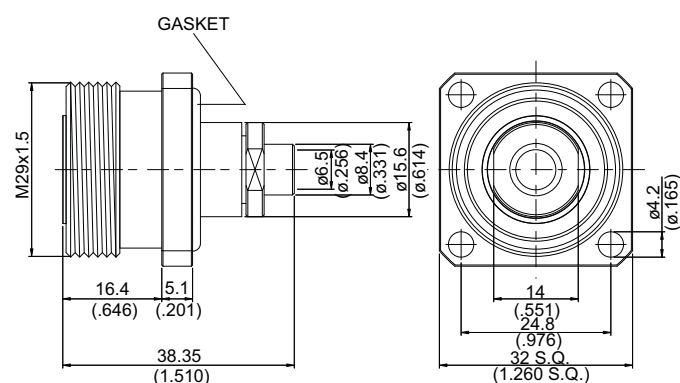
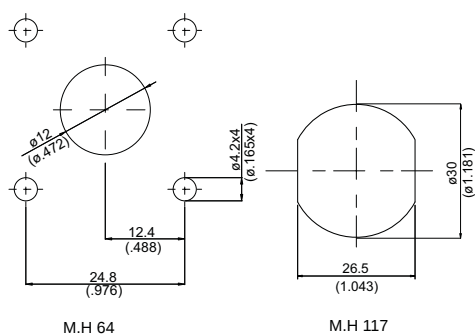
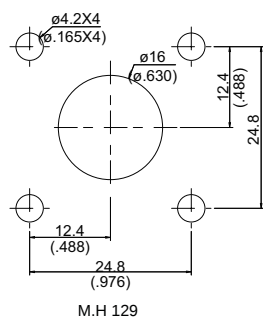


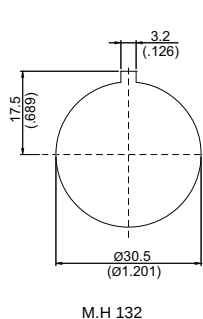
Figure 6



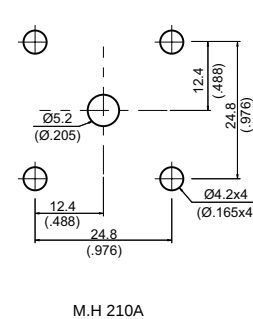
M.H 64



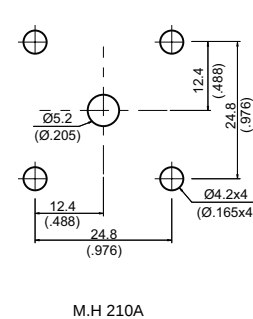
M.H 117



M.H 129



M.H 132



M.H 210A

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry			Remarks
					Solder	Crimp	Piug In	
7/16 JACK SOLDER FOR BULKHEAD								
7/16-8305-0141	1	117	.141	E2			v	With Gasket
7/16-8305-0250	2	117	.250	E2			v	With Gasket
7/16-8305A-0250	3	132	.250	E2			v	
7/16 JACK SOLDER FOR PANEL RECEPTACLE								
7/16-8346-0141	4	64	.141	E2			v	With Gasket
7/16-8346KA-0141	5	210A	.141	F19	v			With Gasket
7/16-8346-0250	6	129	.250	E2			v	With Gasket

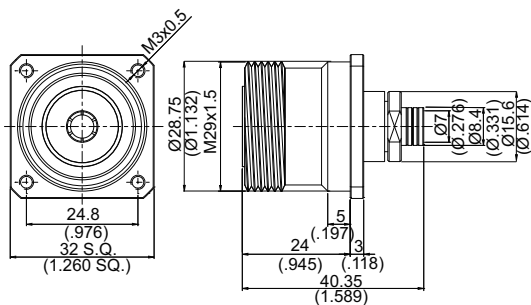


Figure 1

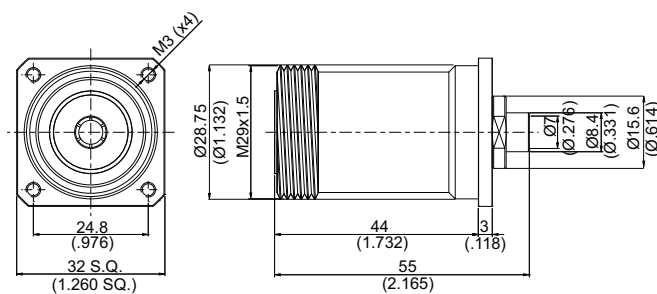


Figure 2

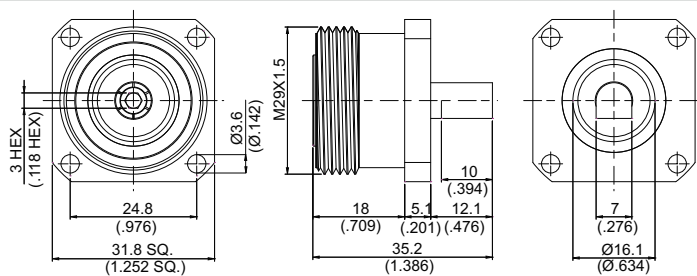


Figure 3

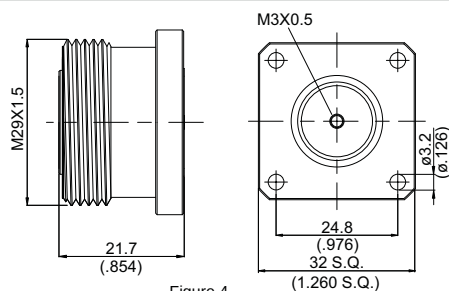


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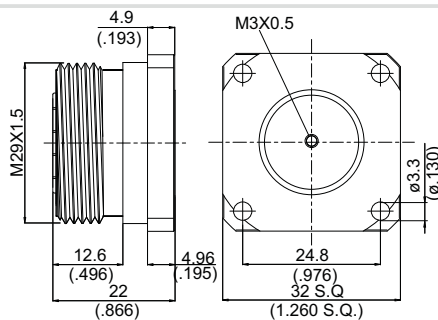


Figure 5

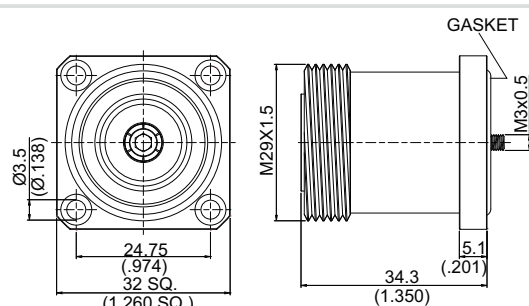


Figure 6

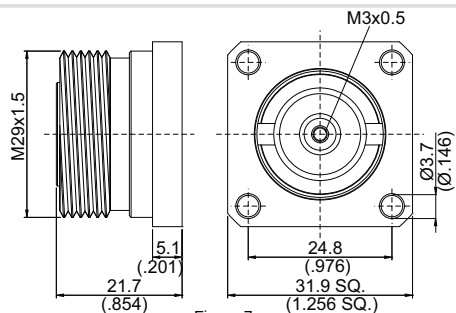


Figure 7

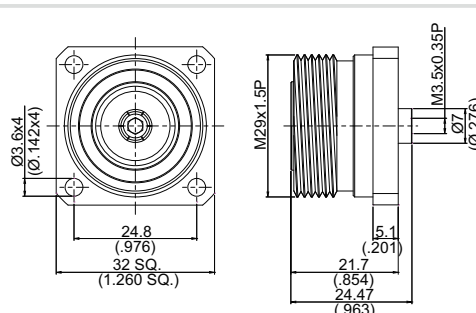
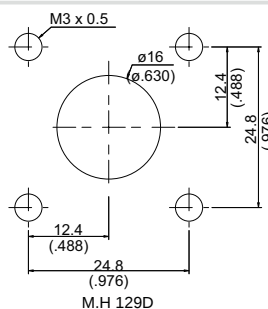
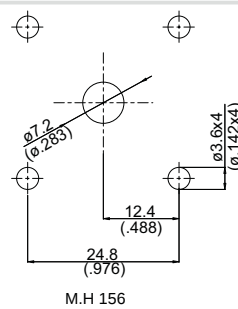


Figure 8



M.H 129D



M.H 156

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry			Remarks
					Solder	Crimp	Piug In	
7/16 JACK SOLDER FOR PANEL RECEPTACLE								
7/16-8346A-0250/PVC	1	129D	.250F	F2			v	No Gasket
7/16-8346L-0250/FEP	2	129D	.250F	E2			v	No Gasket
7/16 JACK FOR PANEL RECEPTACLE								
7/16-864TI-0000	3			E2				
7/16-8640-0000/W	4			E2				Hermetically Sealed; Comes With Protective Cap
7/16-864A-0000	5			E2				Captivated Pin (Knurl)
7/16-864B-0000	6			E2				Hermetically Sealed; With Gasket
7/16-864C-0000	7			E2				Non-captivated Contact, Pin Screwed On/Off With 3mm Allen Key, Comes With Protective Cap
7/16-864E-0000	8	156		F19				

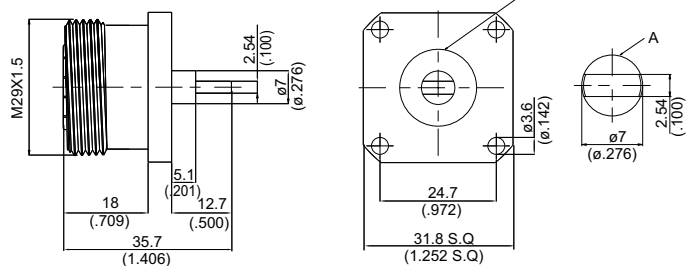


Figure 1

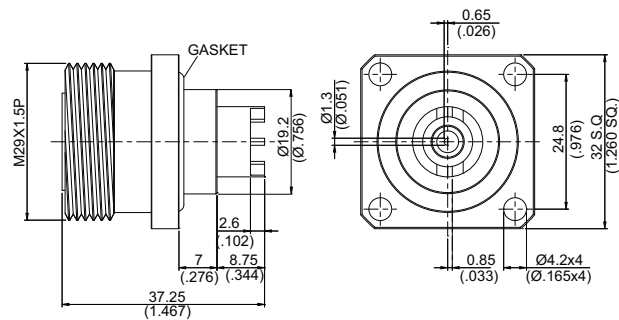


Figure 2

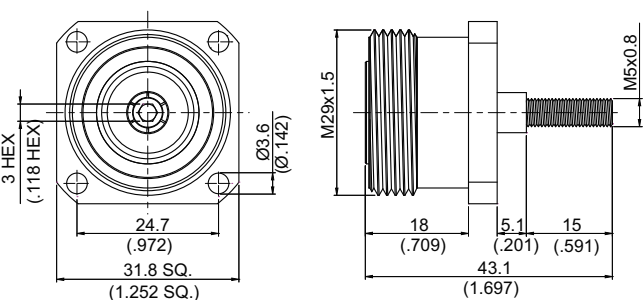


Figure 3

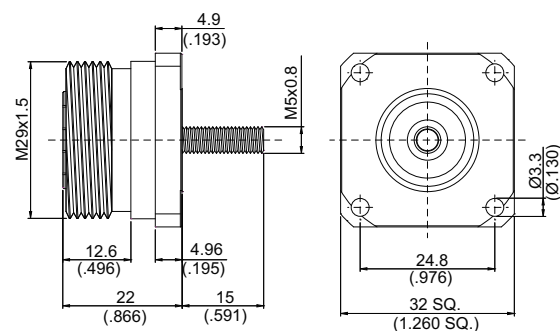


Figure 4

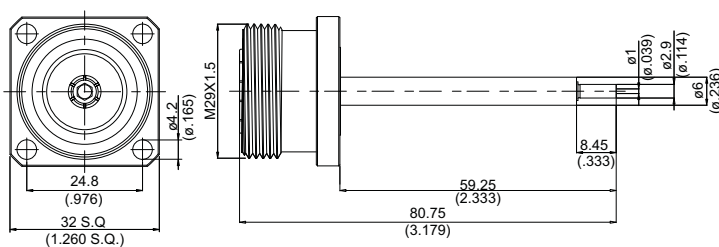


Figure 5

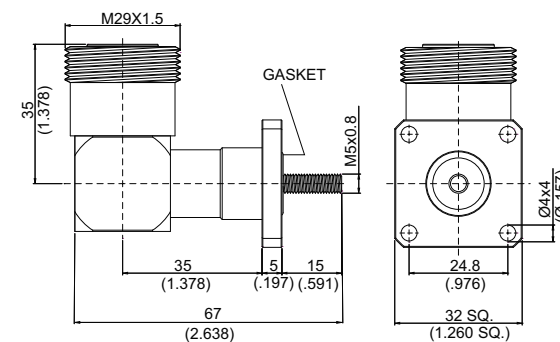


Figure 6

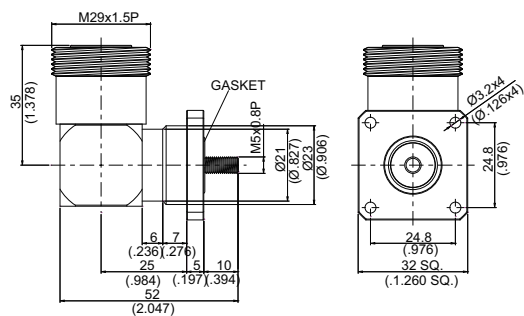


Figure 7

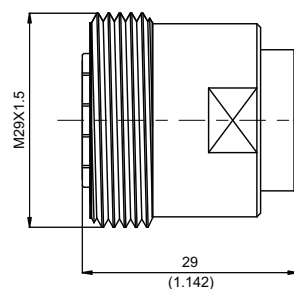
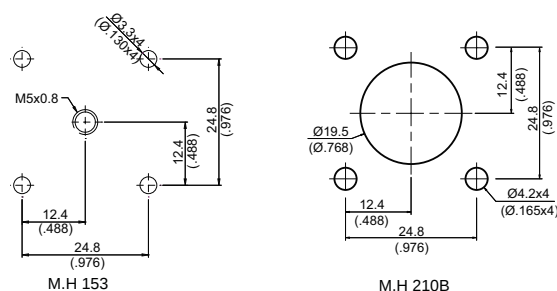


Figure 8

PART NUMBER	Fig.	M.H	Material	Remarks
7/16 JACK FOR PANEL RECEPTACLE				
7/16-864H1-0000	1		E2	No Gasket
7/16-8641-0000/W	2	210B	E2	With Gasket; Comes With a Cap
7/16-864H2-0000	3		E2	No Gasket
7/16-864D-0000	4	153	E2	No Gasket
7/16-864L-0000/W	5		E2	No Gasket; Comes With Protective Cap
7/16 JACK FOR PANEL RECEPTACLE RIGHT ANGLE				
7/16-8640-9000	6		E2	With Gasket
7/16-864A-9000	7		E2	With Gasket
7/16 JACK TERMINATOR				
7/16-8900-0002	8		E2	50Ω; 2W Average Power; VSWR1.2 Up to 5GHz; VSWR 1.28 From 5GHz to 6GHz; Comes With a Cap



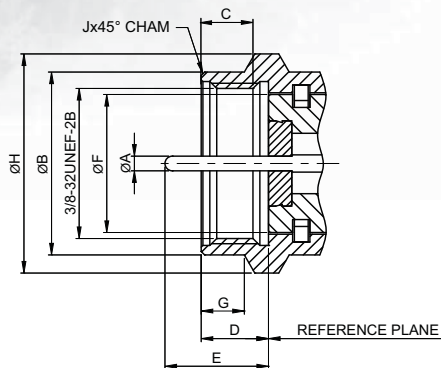
F SERIES Coaxial Connectors

FEATURES

F connectors are 75Ω impedance connectors for applications up to 2GHz.

INTERFACE MATING DIMENSIONS

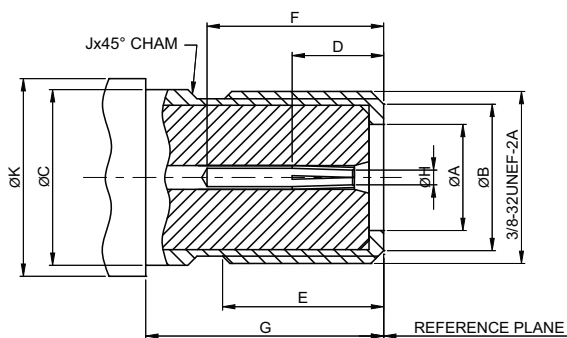
PLUG:



NOTE: Complies With ANSI/SCTE 124 2006 Standard

Letter	Millimeters(Inch)	
	Minimum	Maximum
A	0.76(.030)	1.07(.042)
B	10.41(.410)	11.05(.435)
C	3.97(.156)	-
D	4.29(.169)	6.10(.240)
E	6.35(.250)	9.53(.375)
F	7.11(.280)	-
G	1.78(.070)	4.45(.175)
H	-	16.61(.654)
J	0.25(.010)	0.76(.030)

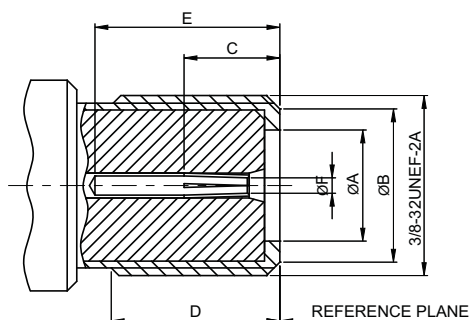
JACK OUTDOOR:



NOTE: Complies With ANSI/SCTE 01 2006 Standard

Letter	Millimeters(Inch)	
	Minimum	Maximum
A	4.32(.170)	6.10(.240)
B	7.11(.280)	8.00(.315)
C	9.35(.368)	9.65(.380)
D	-	5.08(.200)
E	8.26(.325)	8.89(.350)
F	9.65(.380)	-
G	12.32(.485)	13.08(.515)
H	-	1.73(.068)
J	0.25(.010)	0.76(.030)
K	10.80(.425)	-

JACK INDOOR:



NOTE: Complies With ANSI/SCTE 02 2006 Standard

Letter	Millimeters(Inch)	
	Minimum	Maximum
A	4.32(.170)	6.10(.240)
B	7.11(.280)	8.00(.315)
C	-	5.08(.200)
D	8.26(.325)	-
E	9.65(.380)	-
F	-	1.73(.068)

TECHNICAL DATA

Electrical Data	
Impedance	75 Ω
Frequency Range	DC up to 2GHz
RF-leakage	$\geq 90\text{dB}$ at 2 GHz

Mechanical Data	
Jack Contact Accepts Plug Pin Size	0.62 to 1.07mm (.024 - .042inch)
Durability (matings)	500(min)

Environmental Data	
Temperature range	-65°C...+165°C
Thermal Shock	MIL STD 202, Method 107, Condition B
Moisture Resistance	MIL STD 202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

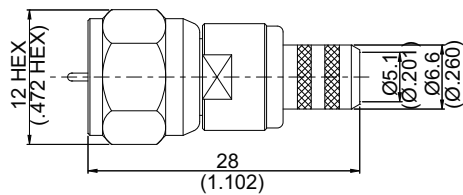


Figure 1

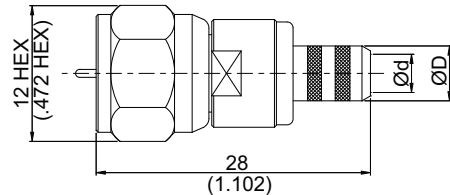


Figure 2

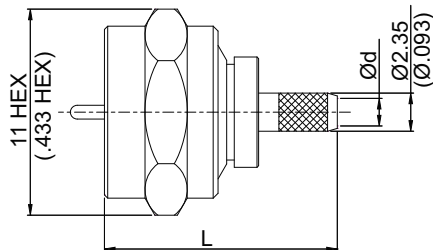


Figure 3

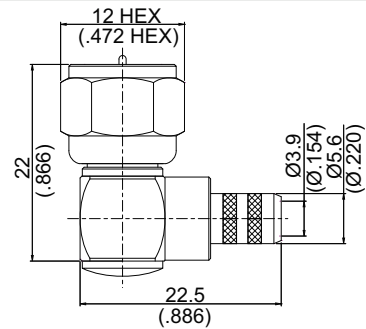


Figure 4

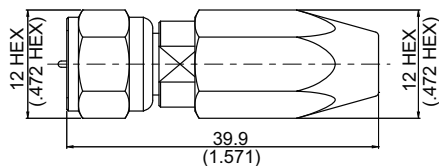


Figure 5

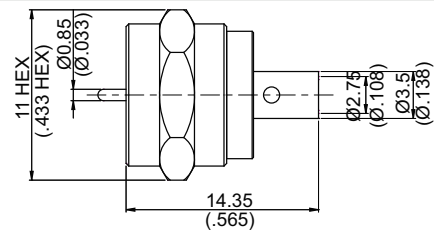


Figure 6

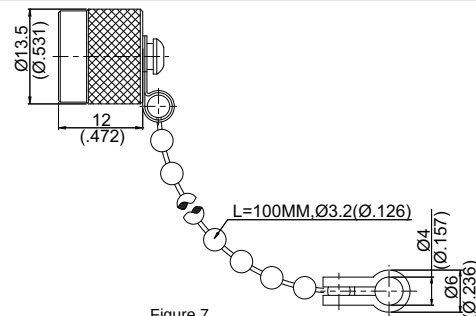


Figure 7

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
F PLUG CRIMP								
F3100-0006	1		6	A11	v		D4	
F3100-0006A	1		6A	A11	v*	v*	D4/D2	
F3100A-0058	2	ød=3.1(.122) øD=4.4(.173)	58	A11	v		B7	Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F3100A-0059	2	ød=3.9(.154) øD=5.6(.220)	59	A11	v		E4	
F3100A-0142	2	ød=3.1(.122) øD=4.4(.173)	142	A11	v		B7	Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F3100A-0223	2	ød=3.1(.122) øD=4.4(.173)	223	A11	v		B8	Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F31ND-0179	3	ød=1.7(.067) L=14.35(.565)	179	A11		v	A5	
F3100-0316	3	ød=1.65(.065) L=14.5(.571)	316	A11		v	A5	Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F3100D-0316	3	ød=1.65(.065) L=14.5(.571)	316D	A11		v	A5	Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F PLUG CRIMP RIGHT ANGLE								
F3100-9L59	4		59L	A11	v		E4	
F PLUG CLAMP								
F3200-0058	5		58&142	A11	v			Water proof (IP68 compliant when mated); Using a 75ohm F connector on 50ohm cable results In impedance mismatch & poor RF performane
F3200-0059	5		59	A11	v			Water proof (IP68 compliant when mated)
F PLUG SOLDER								
F3300-0085/F	6		.085J	A16		v	A12	For 75Ω .085Semi-rigid Cable
F PLUG CAP								
F3800-0000	7			11				With Chain

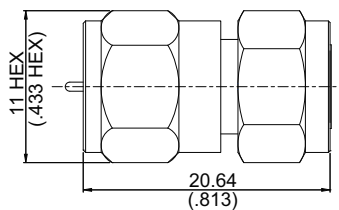


Figure 1

Accepts Ø0.62~Ø1.07(Ø.024~Ø.042) pin size

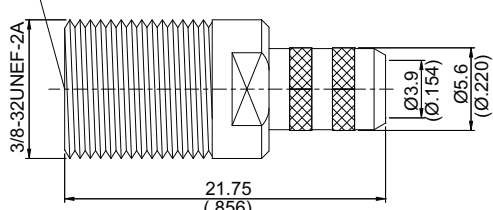


Figure 2

Accepts Ø0.62~Ø1.07(Ø.024~Ø.042) pin size

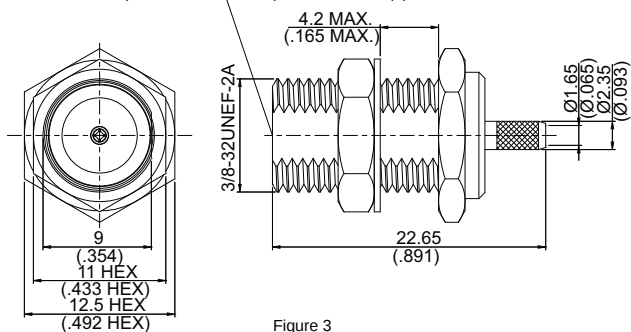


Figure 3

Accepts Ø0.62~Ø1.07 (Ø.024~Ø.042) pin size

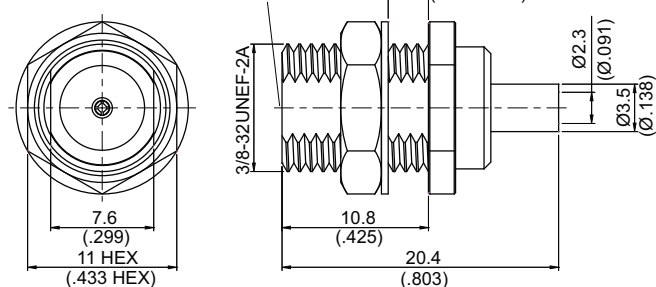


Figure 4

Accepts Ø0.62~Ø1.07 (Ø.024~Ø.042) pin size

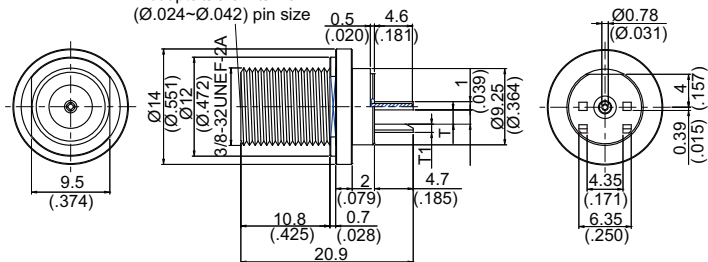


Figure 5

Accepts Ø0.62~Ø1.07 (Ø.024~Ø.042) pin size

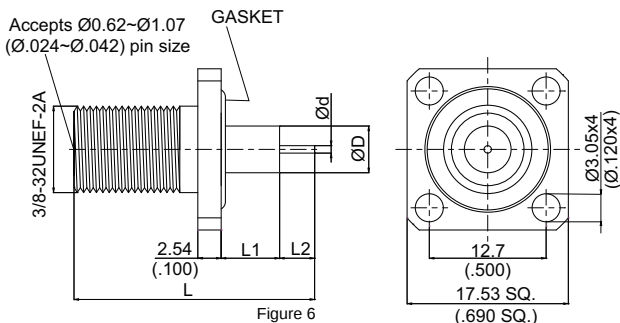
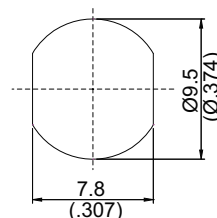
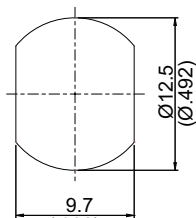


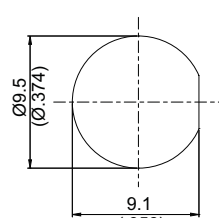
Figure 6



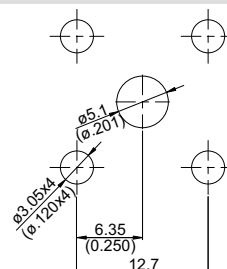
M.H 7F



M.H 7H



M.H 148



M.H 149

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Plug In		
F PLUG TERMINATOR									
F3900-0001	1				C11				2 Watt Average Power, VSWR ≤1.2 up to 1GHz
F3900-0002	1				C11				2 Watt Average Power, VSWR ≤1.2 up to 2GHz
F JACK CRIMP									
F8100-0L59	2			95L	C2		v	E4	F Jack Indoor Interface
F JACK CRIMP FOR BULKHEAD									
F8100-0179	3		148	179	C17		v	A17	F Jack Indoor Interface
F8105-0316	3		148	316	C17		v	A17	F Jack Indoor Interface ; Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F8105D-0316	3		148	316D	C17		v	A17	F Jack Indoor Interface ; Using a 75Ω F Connector On 50ohm Cable Results In Impedance Mismatch & Poor RF Performance
F JACK SOLDER FOR BULKHEAD									
F8305-0085	4		7F	.085J	C2		v		For 75ohm .085" semi-rigid Cable; F Jack Indoor Interface
F JACK P.C.B MOUNT END LAUNCH FOR BULKHEAD									
F8404-0000	5	T=1.73(.068) T1=1(.039)	7H		C2				F Jack Indoor Interface
F8404A-0000	5	T=2.2(.087) T1=0.53(.032)	7H		C2				F Jack Indoor Interface
F JACK FOR PANEL RECEPTACLE									
F8640-0000	6	Ød=0.81(.032) ØD=5.08(.200) L=26.16(1.030) L1=6.35(.250) L2=3.81(.150)	149		B11				F Jack Indoor Interface
F8640B-0000	6	Ød=1.27(.050) ØD=4.1(.161) L=27(1.063) L1=8.8(.346) L2=2.2(.087)	149		C2				F Jack Indoor Interface

FME SERIES

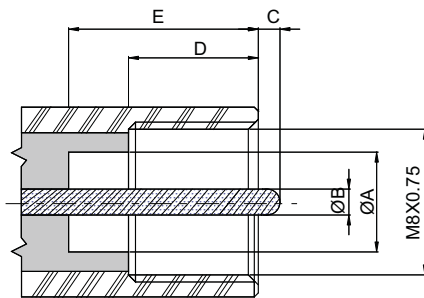
Compact Miniature Connectors

FEATURES

FME are low cost 50ohm connectors suitable for applications up to 2 GHz. Their small dimensions facilitate the installation of cables in vehicles. FME connectors are usually used in mobile antenna applications.

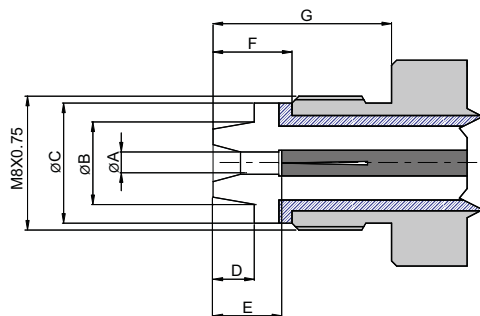
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	4.70(.185)	—
B	1.25(.049)	
C	—	1.00(.039)
D	6.40(.252)	—
E	9.00(.354)	—

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	1.35(.053)	
B	—	4.60(.181)
C	—	6.80(.268)
D	—	2.60(.102)
E	4.00(.157)	5.00(.197)
F	4.90(.193)	—
G	7.60(.299)	—

TECHNICAL DATA

ELECTRICAL DATA	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1000
Working Voltage (at sea level, in V rms, 50Hz)	100
Impedance	50 Ω
Frequency Range	DC up to 2 GHz
Insulation Resistance	$\geq 5000M \Omega$
Contact Resistance Inner Conductor	$\leq 10m \Omega$
Contact Resistance Outer Conductor	$\leq 5m \Omega$

MECHANICAL DATA	
Durability (matings)	500(min)

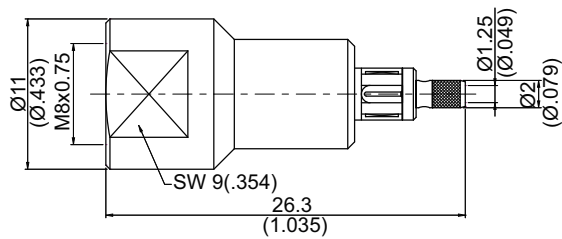


Figure 1

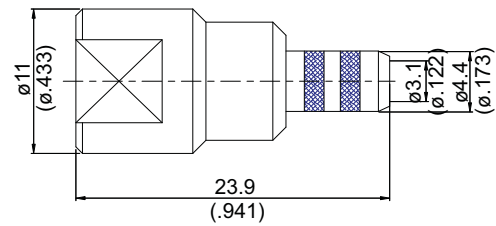


Figure 2

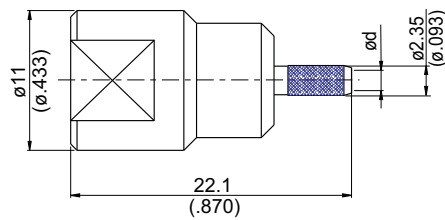


Figure 3

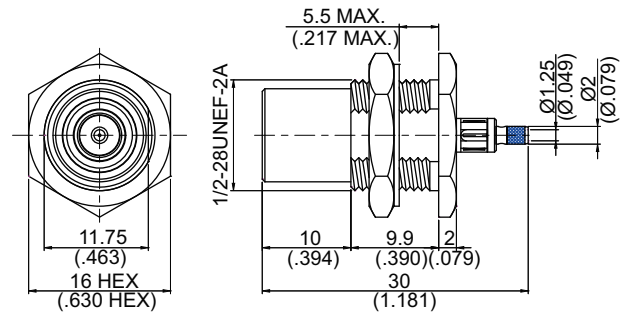


Figure 4

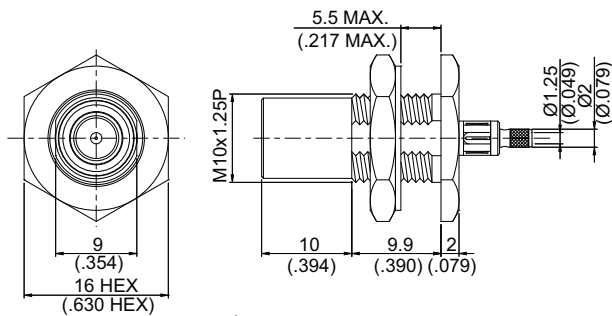


Figure 5

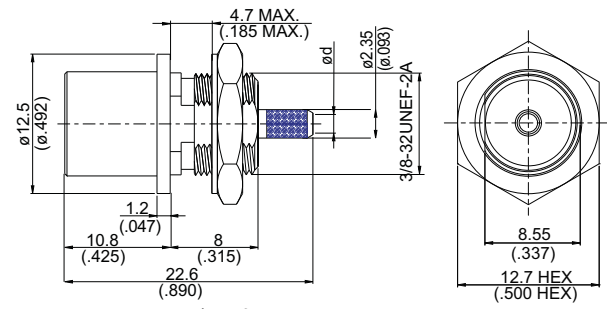


Figure 6

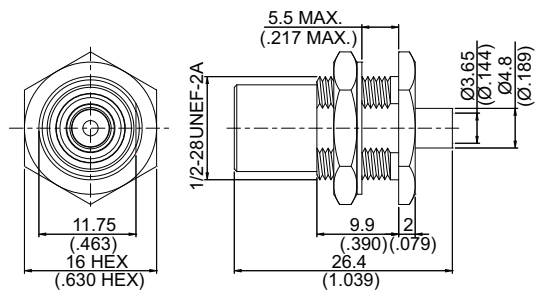
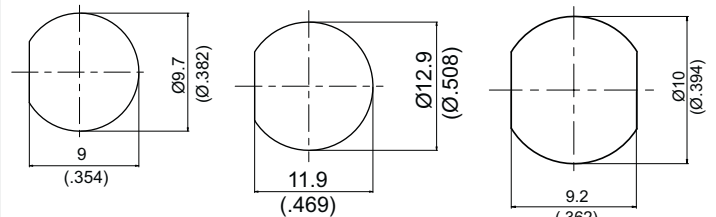


Figure 7



M.H 4

M.H 5

M.H 7J

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
FME PLUG CRIMP									
FME3100-1.13	1			1.13	A2	v		A10	
FME3100-0058	2			58	A2		v	B3	
FME3100-0142	2			142	A2		v	B3	
FME3100W-0316	3	ød=1.65(.065)		316	A2		v	A5	
FME3100DW-0316	3	ød=1.65(.065)		316D	A2		v	A5	
FME3100W-L100	3	ød=1.7(.067)		100	A2		v	A5	
FME PLUG CRIMP FOR BULKHEAD									
FME3105-1.13	4		5	1.13	A2	v		A10	No Gasket
FME3105A-1.13	5		7J	1.13	A2	v		A10	No Gasket
FME3105W-0316	6	ød=1.65(.065)	4	316	A2		v	A5	No Gasket
FME3105WD-0316	6	ød=1.65(.065)	4	316D	A2		v	A5	No Gasket
FME3105W-L100	6	ød=1.7(.067)	4	100	A2		v	A5	No Gasket
FME JACK SOLDER FOR BULKHEAD									
FME3305-0141	7		5	141	A2	v			No Gasket

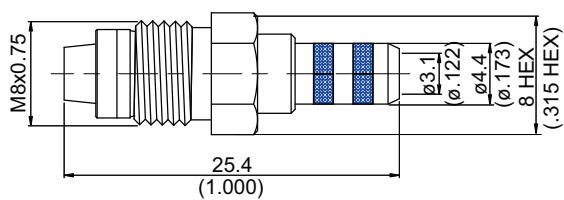


Figure 1

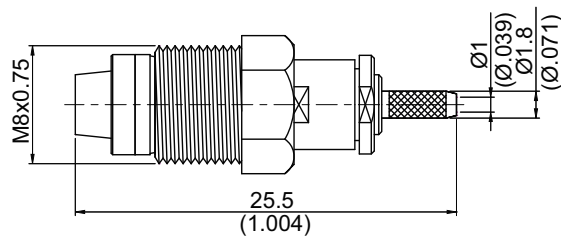


Figure 2

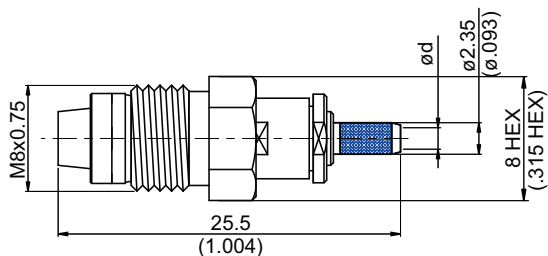


Figure 3

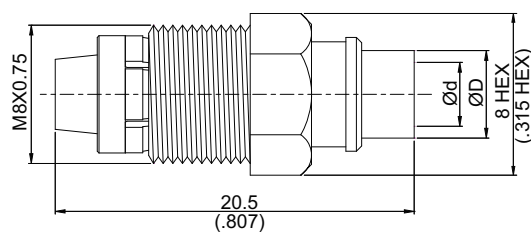


Figure 4

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert
					Solder	Crimp	
FME JACK CRIMP							
FME8100A-0058	1		58	C2	v		B7
FME8100A-0142	1		142	C2	v		B7
FME8100A-0223	1		223	C2	v		B8
FME8100A-L200	1		200	C2	v		B7
FME8100-0178	2		178	C2	v		A10
FME8100P-0316	3	ød=1.6(.063)	316	C2	v		A17
FME8100PD-0316	3	ød=1.6(.063)	316D	C2	v		A17
FME8100P-L100	3	ød=1.7(.067)	100	C2	v		A17
FME JACK SOLDER							
FME8300T-0085	4	ød=2.30(.091) øD=4(.157)	.085	C2	v		
FME8300T-0141	4	ød=3.65(.144) øD=5(.197)	.141	C2	v		

HN SERIES

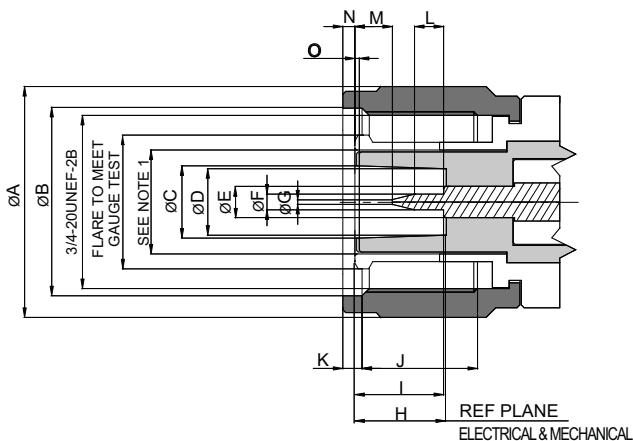
High Voltage Connectors

FEATURES

HN are medium sized 50 ohm connectors suitable for applications up to 4 GHz. They are high voltage connectors designed for use when a better R.F. and mechanical performance than N series connectors is required.

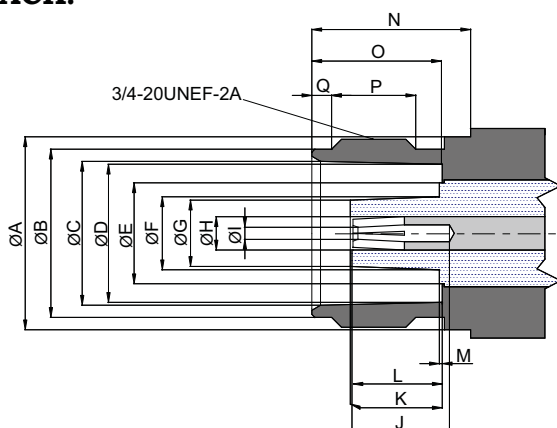
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	23.50(.925)
B	19.30(.760)	—
C	7.33(.289)	—
D	6.69(.263)	—
E	—	3.35(.132)
F	1.58(.062)	1.68(.066)
G	—	0.38(.015)
H	9.33(.367)	—
I	9.10(.358)	9.85(.388)
J	10.22(.402)	—
K	2.54(.100)	—
L	3.03(.120)	—
M	3.50(1.38)	—
N	—	1.48(.058)
O	0.13(.005)	—

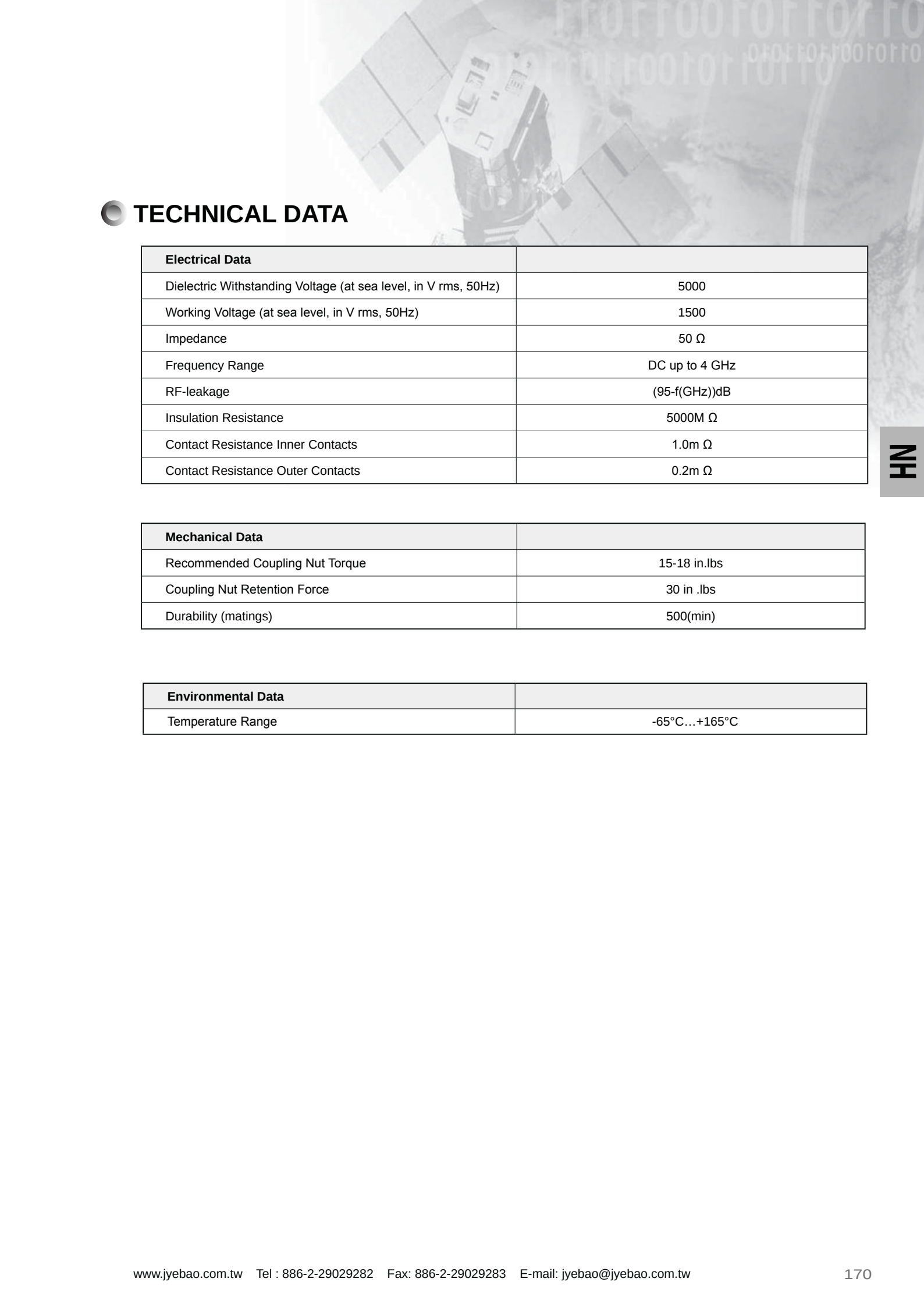
JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	19.18(.755)
B	16.80(.662)	17.35(.683)
C	14.50(.571)	14.68(.578)
D	13.90(.548)	14.05(.553)
E	—	10.91(.430)
F	—	7.47(.294)
G	—	6.80(.268)
H	—	3.35(.132)
I	1.58(.062)	1.68(.066)
J	9.00(.355)	—
K	—	9.35(.368)
L	8.32(.328)	9.10(.358)
M	—	0.13(.005)
N	14.99(.590)	—
O	13.10(.516)	13.25(.522)
P	9.11(.359)	—
Q	1.95(.077)	2.20(.087)

Note:

1. I.D. of outer contact when inserted into a .548 maximum diameter ring gauge shall be .432 minimum
2. Jyebao HN connectors meet the interface requirements of MIL-STD-348A



TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	5000
Working Voltage (at sea level, in V rms, 50Hz)	1500
Impedance	50 Ω
Frequency Range	DC up to 4 GHz
RF-leakage	(95-f(GHz))dB
Insulation Resistance	5000M Ω
Contact Resistance Inner Contacts	1.0m Ω
Contact Resistance Outer Contacts	0.2m Ω

Mechanical Data	
Recommended Coupling Nut Torque	15-18 in.lbs
Coupling Nut Retention Force	30 in .lbs
Durability (matings)	500(min)

Environmental Data	
Temperature Range	-65°C...+165°C

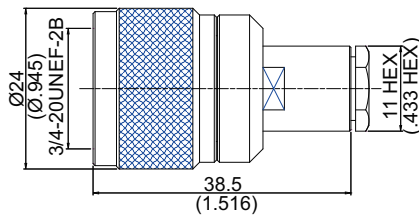


Figure 1

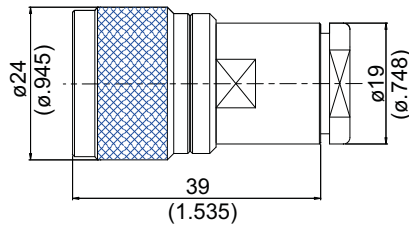


Figure 2

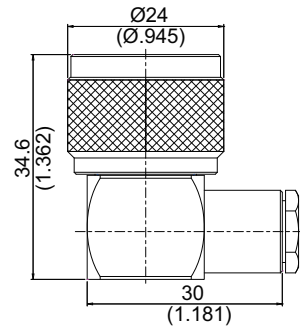


Figure 3

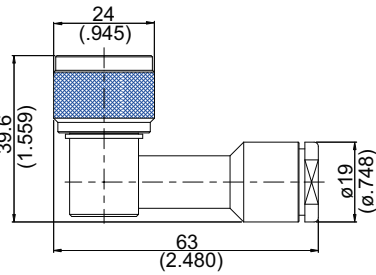


Figure 4

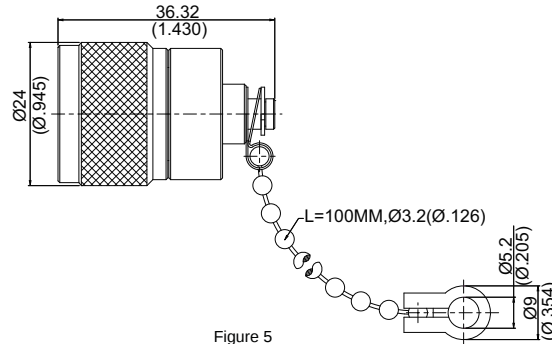


Figure 5

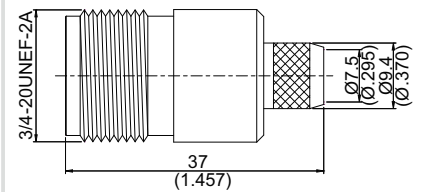


Figure 6

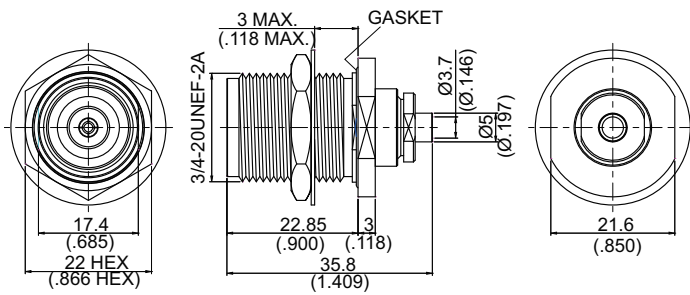


Figure 7

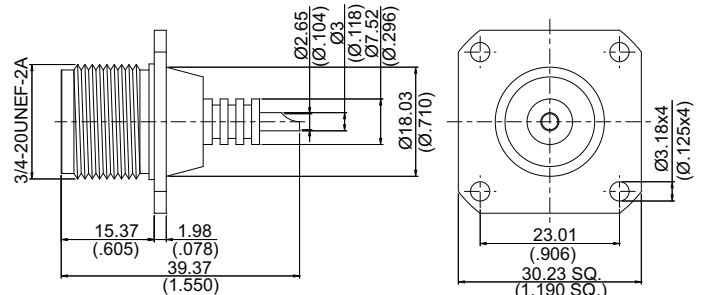
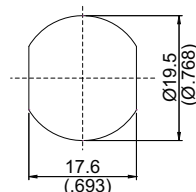
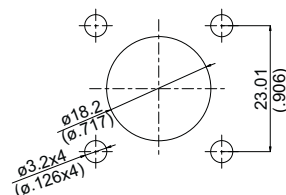


Figure 8



M.H 7G



M.H 26B

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
HN PLUG CLAMP								
HN3200-0058	1		58&142	D11	v			
HN3200-0213	2		213	D11	v			
HN3200-0214	2		214	D11	v			
HN PLUG CLAMP RIGHT ANGLE								
HN3200-9058	3		58&142	D11	v			
HN3200-9214	4		214	A11	v			
HN PLUG TERMINATOR								
HN3900-0001	5			D11				2W Average Power;VSWR 1.2 Up to 5GHz;VSWR 1.28 From 5GHz to 6GHz
HN JACK CRIMP								
HN8100-0214	6		214	B2	v*	v*	C7/C4	
HN JACK SOLDER CLAMP FOR BULKHEAD								
HN8305B-0141	7	7G	.141	B2	v			
HN JACK FOR PANEL RECEPTACLE								
HN864A-0000	8	26B		C2				

SC SERIES

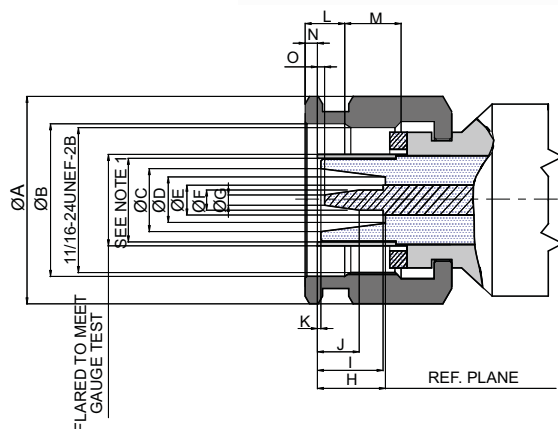
Medium Sized Connectors

FEATURES

SC are medium-sized, 50ohm connectors with a good power handling and suitable for applications up to 11GHz. SC connectors have an interface which is similar to the C connector's interface, the only difference is that the SC's interface has a threaded coupling instead of a bayonet. SC connectors have an .687-24UNF screw thread coupling.

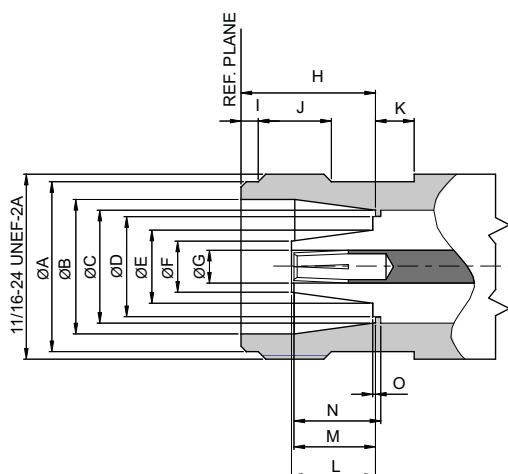
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	21.03(.828)
B	17.53(.6900)	—
C	7.01(.2760)	—
D	4.93(.1940)	—
E	3.028(.1192)	3.053(.1202)
F	2.29(.0900)	2.34(.0921)
G	—	1.27(.0500)
H	7.85(.3090)	—
I	7.80(.3070)	8.56(.3370)
J	4.85(.1910)	6.38(.2510)
K	0.18(.0070)	—
L	5.41(.2130)	5.66(.2230)
M	6.35(.2500)	—
N	0.64(.0250)	2.16(.0850)
O	0.08(.0030)	1.02(.0400)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	16(.630)
B	12.24(.482)	12.65(.498)
C	10.44(.411)	10.54(.415)
D	—	9.50(.374)
E	—	6.91(.272)
F	—	4.83(.190)
G	3.02(.119)	3.15(.124)
H	12.47(.491)	12.57(.495)
I	1.19(.047)	1.96(.077)
J	6.35(.250)	—
K	3.56(.140)	—
L	7.85(.309)	
M	6.93(.273)	7.70(.303)
N	7.62(.300)	—
O	—	0.18(.007)

Note:

- The I.D. of outer contact when inserted into a .411(10.44mm) maximum ring gauge shall be .377(9.58mm) minimum
- Jyebao SC connectors meet the interface requirements of MIL-STD-348A

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	3000
Working Voltage (V rms)	≤1000
Impedance	50 Ω
Frequency Range	DC up to 11GHz
RF-leakage	-90db mini. at 3GHz
Insulation Resistance	≥5000M Ω
Contact Resistance Inner Conductor	≤1m Ω
Contact Resistance Outer Conductor	≤0.15m Ω

Mechanical Data	
Durability (matings)	500(min)

Environmental Data	
Temperature Range	-65°C...+165°C
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

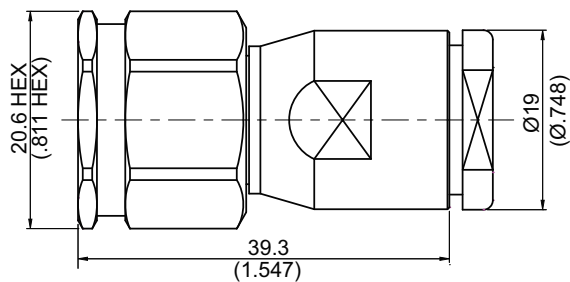


Figure 1

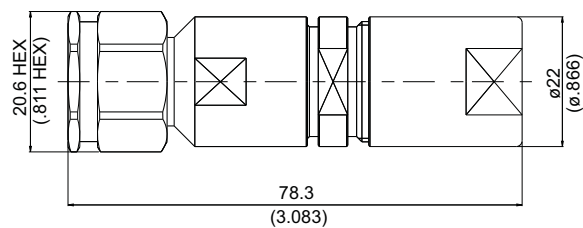


Figure 2

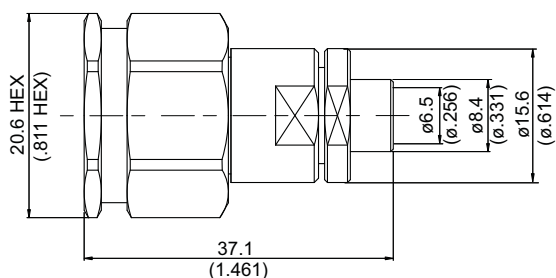


Figure 3

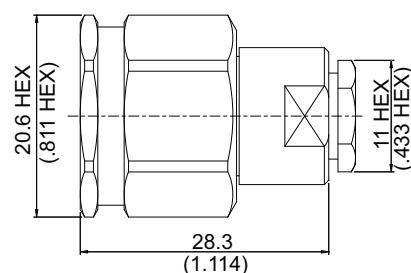


Figure 4

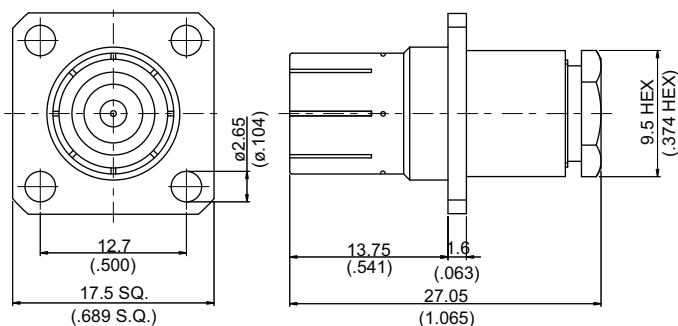


Figure 5

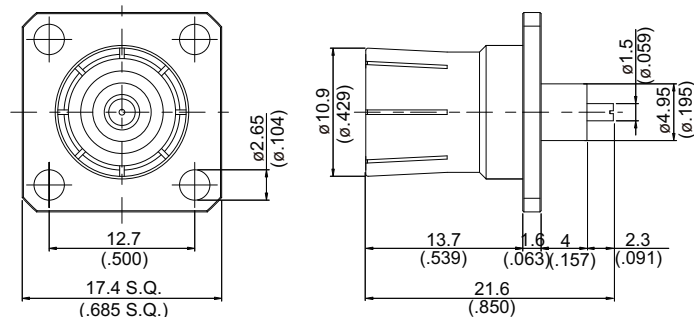
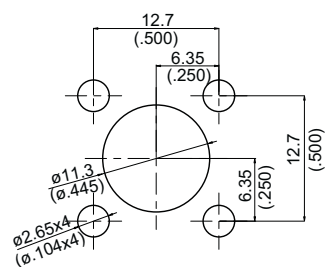
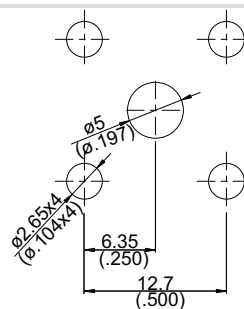


Figure 6



M.H 23B



M.H 54A

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
SC PLUG CLAMP								
SC3200-0214	1		214	A16	v*	v*	A15	
SC3200W-0217	2		217	A11	v			
SC PLUG SOLDER CLAMP								
SC3300A-0250	3		.250	A11	v			
SC3300S-0250	4		.250	A6	v			Stainless
SC SNAP ON PLUG SOLDER CLAMP FOR PANEL RECEPTACLE								
SC3346Q-0141	5	23B	.141	A2	v			Snap On; No Gasket
SC SNAP ON PLUG FOR PANEL RECEPTACLE								
SC3640Q-0000	6	54A		A2				Snap On; No Gasket

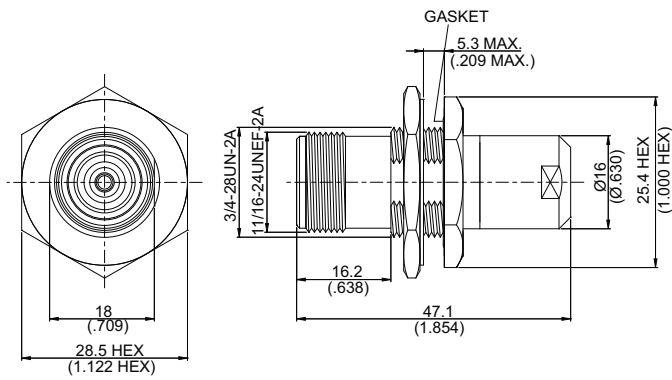


Figure 1

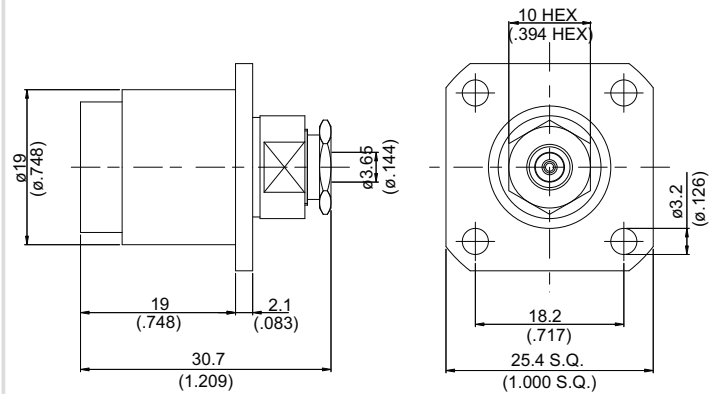


Figure 2

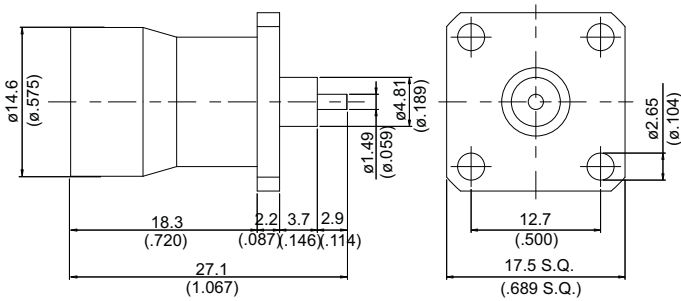


Figure 3

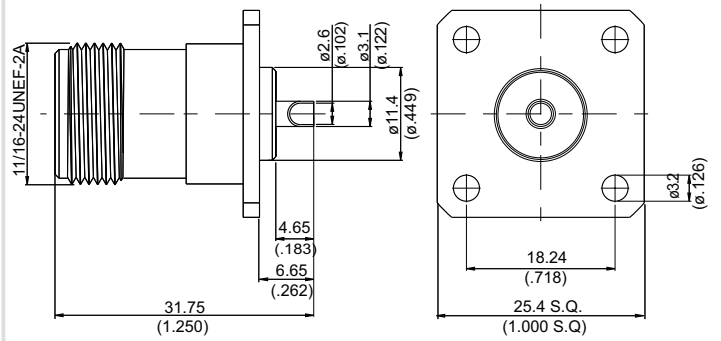
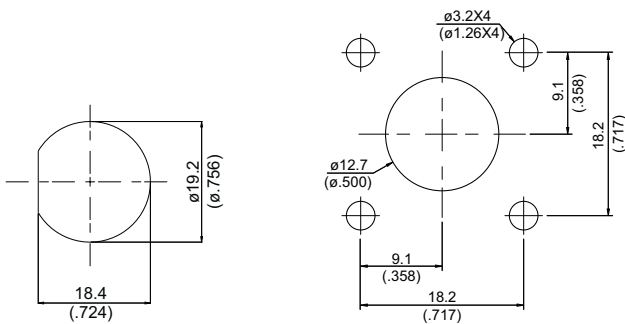
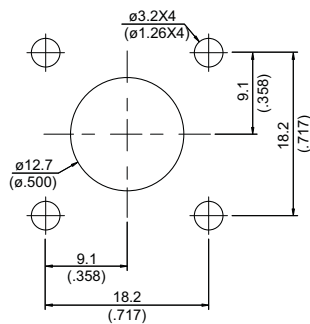


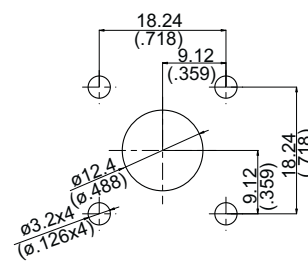
Figure 4



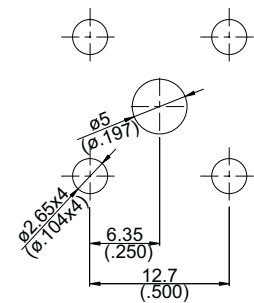
M.H 8



M.H 24



M.H 25



M.H 54A

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
SC JACK SOLDER FOR BULKHEAD							
SC8305S-0250	1	8	.250	C3	v		Stainless ;With Gasket
SC SNAP ON JACK SOLDER CLAMP FOR PANEL RECEPTACLE							
SC8346QM-0141	2	24	.141	B2	v		Snap On; No Gasket
SC SNAP ON JACK FOR PANEL RECEPTACLE							
SC8640Q-0000	3	54A		B2			Snap On
SC JACK FOR PANEL RECEPTACLE							
SC8640W-0000	4	25		C2			No Gasket

SSMB SERIES

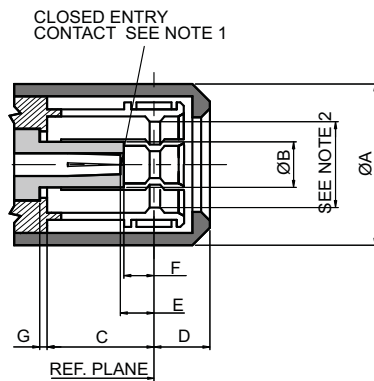
Microminiature Connectors

FEATURES

SSMB are 50ohm miniature connectors with a snap-on coupling which can be used in applications up to 3 GHz. They are in fact a miniaturized version of the SMB connector and are suitable to be used in small instruments with limited space.

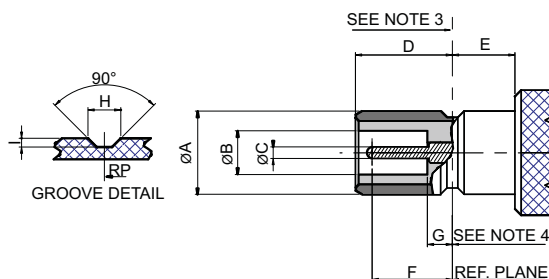
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	4.82(.190)
B	—	1.34(.053)
C	3.10(.122)	—
D	—	1.78(.070)
E	0.84(.033)	—
F	0.84(.033)	—
G	0.00	—

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	—	2.67(.105)
B	1.37(.054)	—
C	0.36(.014)	0.38(.015)
D	2.97(.117)	3.225(.127)
E	1.91(.075)	—
F	1.91(.075)	—
G	—	0.84(.033)
H	0.71(.028)	0.74(.029)
I	0.05(.002)	0.15(.006)

Note:

- 1: Inside diameter of contact to meet V.S.W.R mating characteristics and connector durability when mated with a .014~.015 inch diameter Plug contact
- 2: Must meet the force to engage/disengage requirement when mated with its mating part
- 3: Clearance for mating connector coupling nut
- 4: This dimension (.033 maximum) applies to both the insulator and the contact.
- 5: Jyebao SSMB connectors meet the interface requirements of MIL-STD-348A



TECHNICAL DATA

SSMB

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	500
Working Voltage (at sea level, in V rms, 50Hz)	250
Impedance	50 Ω
Frequency Range	DC up to 4GHz
RF-leakage	-40dB min. up to 1 GHz;-70db min from 2 to 3 GHz
Insulation Resistance	$\geq 1000M \Omega$
Contact Resistance Inner Conductor	$\leq 5m \Omega$
Contact Resistance Outer Conductor	$\leq 2.5m \Omega$

Mechanical Data	
Contact Captivation(N)	≥ 1.8 lbs
Durability (matings)	500(min)
Engagement Force	≤ 6 lbs
Disengagement Force	≥ 1.8 lbs
Matings	≥ 500

Environmental Data	
Temperature Range	-65°C...+165°C
Corrosion	MIL-STD-202,Method 101, Condition 3

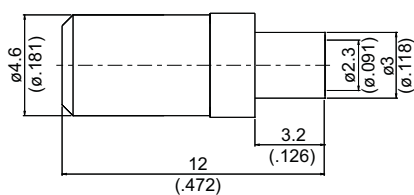


Figure 1

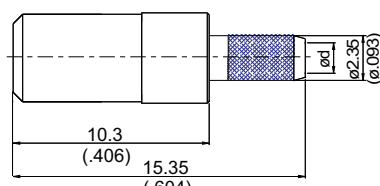


Figure 2

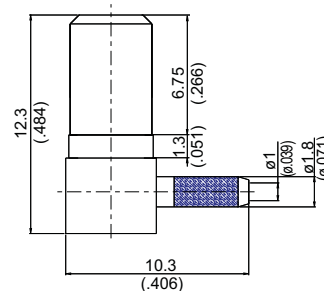


Figure 3

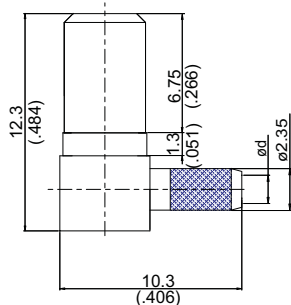


Figure 4

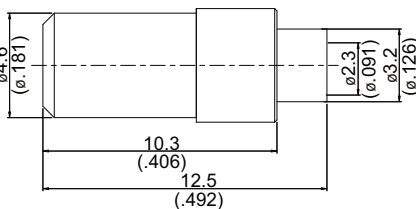


Figure 5

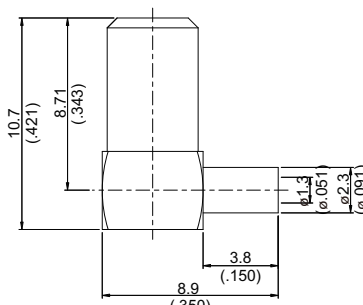


Figure 6

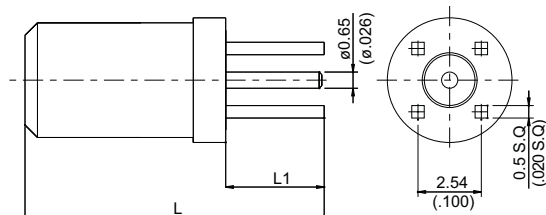


Figure 7

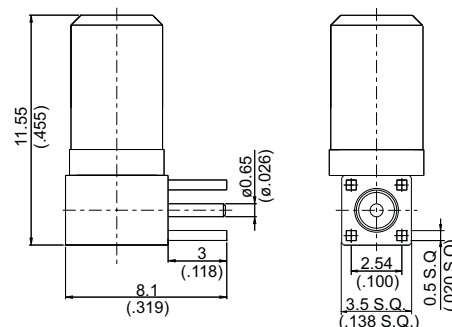


Figure 8

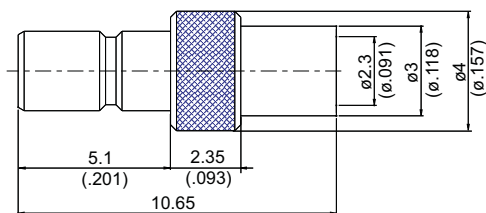


Figure 9

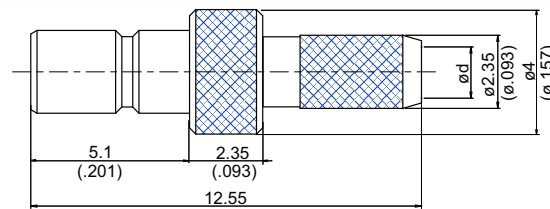
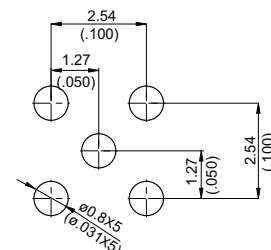


Figure 10

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert
						Solder	Crimp	
SSMB PLUG CRIMP								
SSMB3100-0178	1			178	B1	v		A9
SSMB3100-0316	2	ød=1.6(.063)		316	B1	v		A17
SSMB3100-L100	2	ød=1.7(.067)		100	B1	v		A17
SSMB PLUG CRIMP RIGHT ANGLE								
SSMB3100-9178	3			178	B1	v		A10
SSMB3100-9316	4	ød=1.6(.063)		316	B1	v		A17
SSMB3100-9L100	4	ød=1.7(.067)		100	B1	v		A17
SSMB PLUG SOLDER								
SSMB3300-0085	5			.085	B1	v		
SSMB PLUG SOLDER RIGHT ANGLE								
SSMB3300-9047	6			.047	B1	v		
SSMB PLUG FOR P.C.B MOUNT								
SSMB3400-0000	7	L=12(.472) L1=3.95(.156)	17		B1			
SSMB340S-0000	7	L=9.05(.356) L1=1(.039)	17		B1			
SSMB PLUG FOR P.C.B MOUNT RIGHT ANGLE								
SSMB3400-9000	8		17		B1			
SSMB JACK CRIMP								
SSMB8100-0178	9			178	A1	v		A9
SSMB8100-0316	10	ød=1.6(.063)		316	A1	v*	v*	A17/A5
SSMB8100-L100	10	ød=1.7(.067)		100	A1	v*	v*	A17/A5



M.H 17

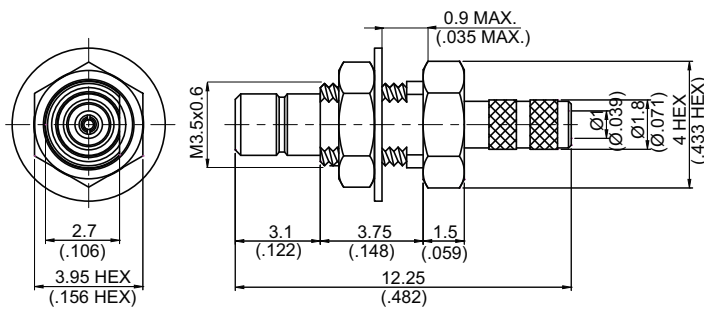


Figure 1

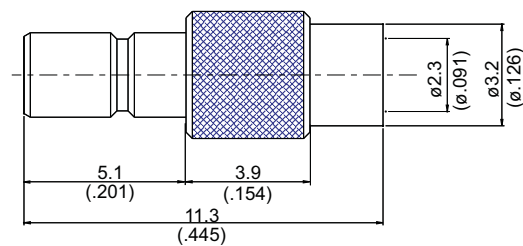


Figure 2

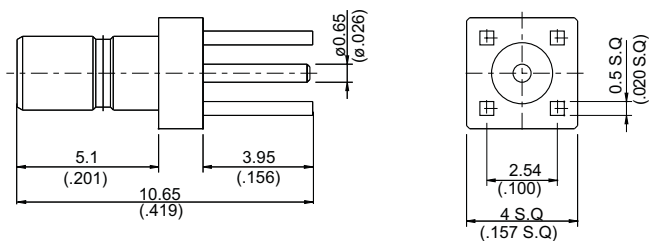


Figure 3

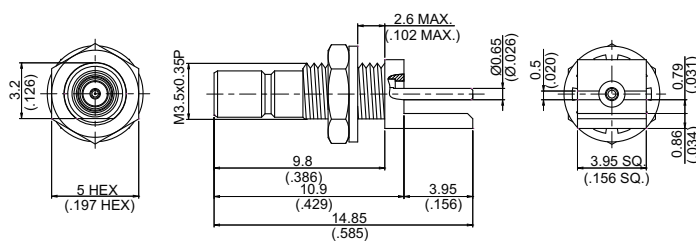


Figure 4

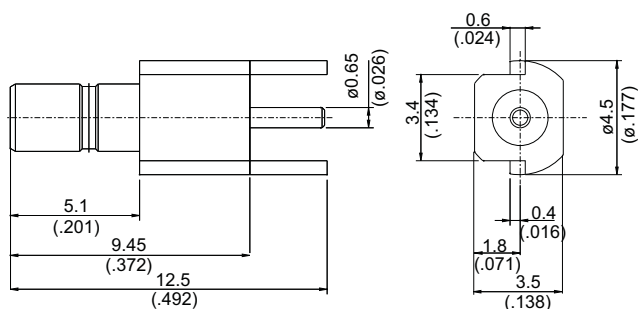


Figure 5

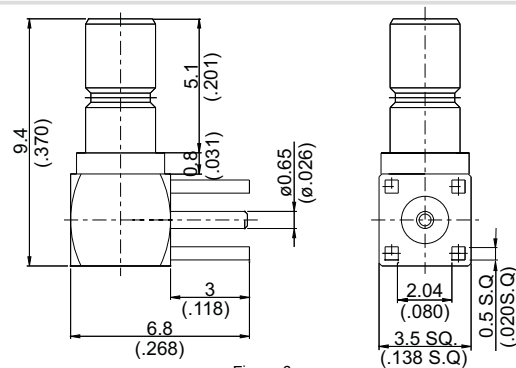
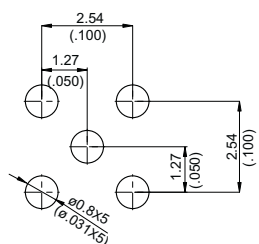
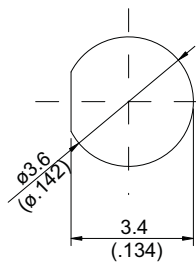


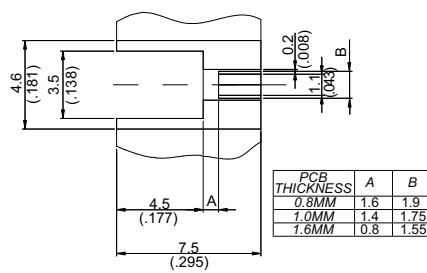
Figure 6



M.H 17

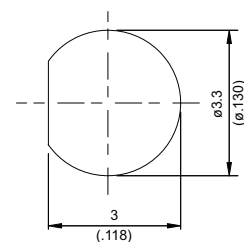


M.H 82



MATERIAL FR 4 ($\epsilon_r = 4.6$)

M.H 83



M.H 114

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
SSMB JACK CRIMP FOR BULKHEAD								
SSMB9105-0178	1	114	178	B1	v*	v*	A10/A4	Reverse Polarity Jack;No Gasket
SSMB JACK SOLDER								
SSMB8300-0085	2		.085	A1	v			
SSMB JACK P.C.B MOUNT								
SSMB8400-0000	3	17		A1				
SSMB JACK P.C.B MOUNT FOR BULKHEAD END LAUNCH								
SSMB8405-0000	4	82		A1				
SSMB JACK P.C.B EDGE MOUNT								
SSMB8400A-0000	5	83		A1				
SSMB JACK FOR P.C.B MOUNT RIGHT ANGLE								
SSMB8400-9000	6	17		A1				

SMP SERIES

Microminiature Connectors

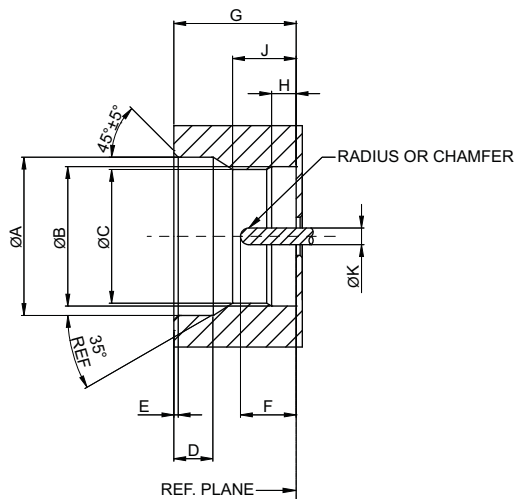
FEATURES

The SMP has a subminiature interface suitable for miniaturized high frequency coaxial modules up to 40Ghz. SMP's can be used as PC board to board interconnects by connecting a Plug SMP on each of the PC boards by a Jack-to-Jack adapter.

Jyebao currently offers two types of Plug center contact: SMP Plug limited detent for a positive locking with a medium retention and SMP Plug full detent for a positive locking with a maximum retention. In board mount applications the limited detent is usually selected whereas full detent is mostly used for cable connections where higher forces are desirable.

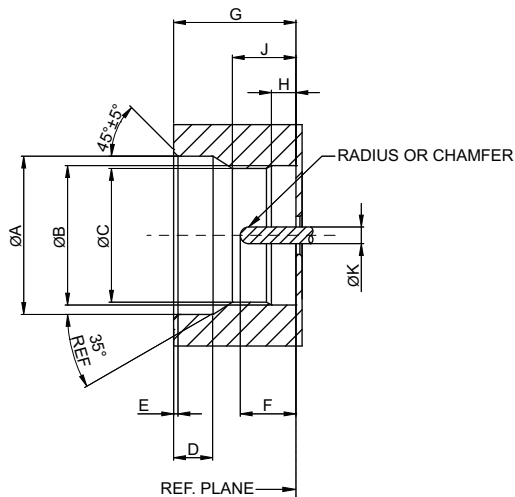
INTERFACE MATING DIMENSIONS

PLUG - FULL DETENT:



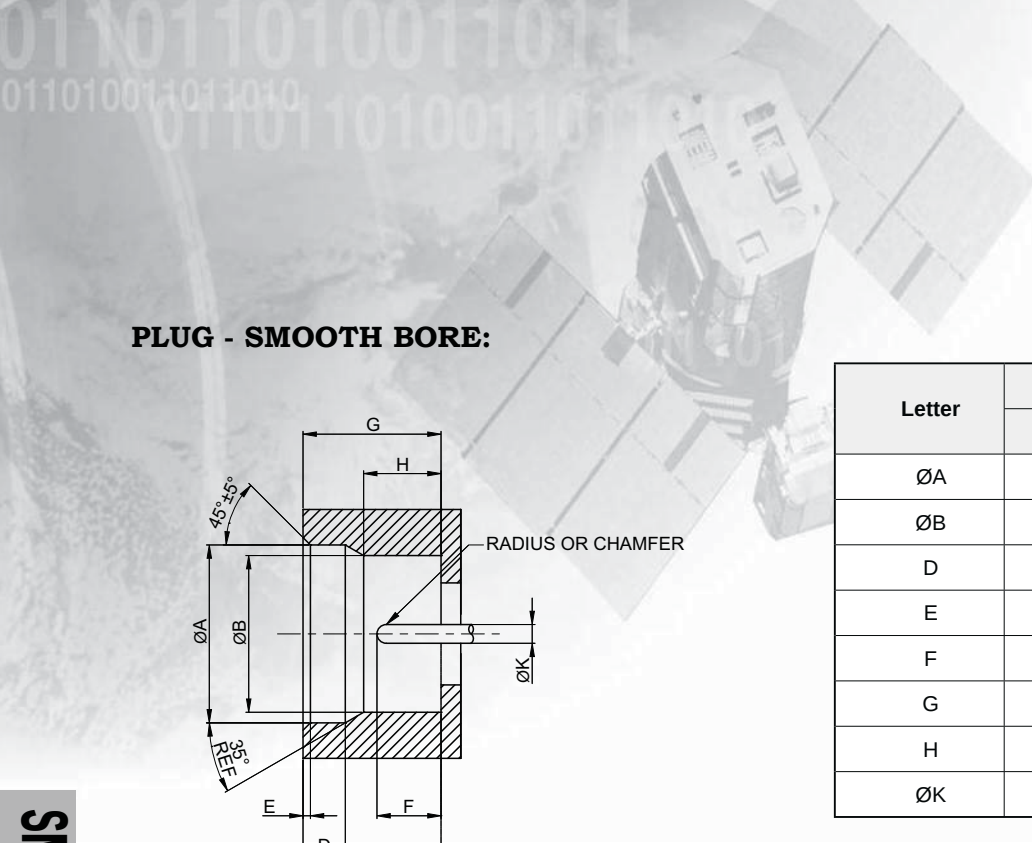
Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	3.53(.139)	3.68(.145)
ØB	3.15(.124)	3.20(.126)
ØC	2.90(.114)	3.00(.118)
D	0.84(.033)	0.94(.037)
E	0.08(.003)	0.20(.008)
F	1.14(.045)	1.40(.055)
G	2.74(.108)	2.84(.112)
H	0.521(.0205)	0.597(.0235)
J	1.30(.051)	1.44(.057)
ØK	0.36(.014)	0.41(.016)

PLUG - LIMITED DETENT:

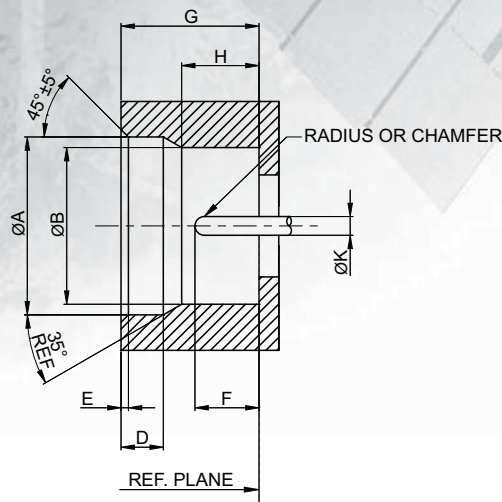


Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	3.53(.139)	3.68(.145)
ØB	3.15(.124)	3.20(.126)
ØC	3.00(.118)	3.10(.122)
D	0.84(.033)	0.94(.037)
E	0.08(.003)	0.20(.008)
F	1.14(.045)	1.4(.055)
G	2.74(.108)	2.84(.112)
H	0.521(.0205)	0.597(.0235)
J	1.372(.054)	1.524(.060)
ØK	0.36(.014)	0.41(.016)

Note: Jyebao SMP connectors meet the interface requirements of MIL-STD-348A

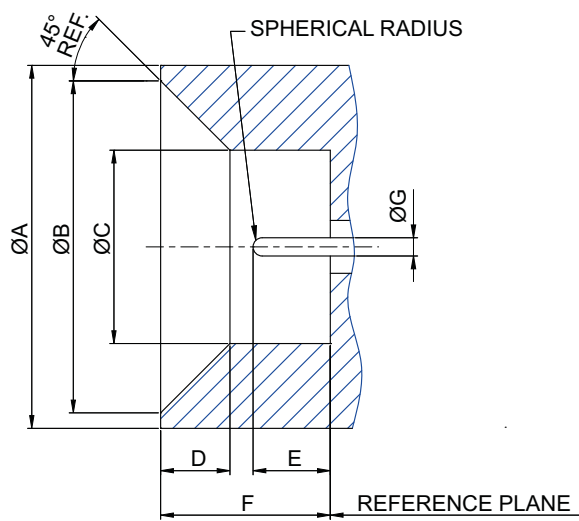


PLUG - SMOOTH BORE:



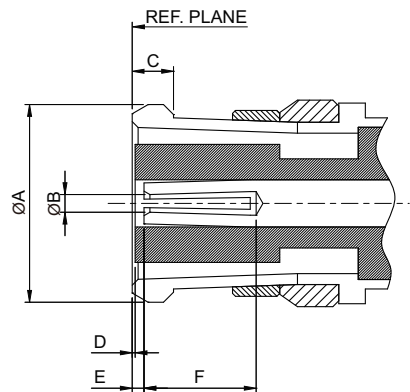
Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	3.53(.139)	3.68(.145)
ØB	3.13(.123)	3.22(.127)
D	0.84(.033)	0.93(.037)
E	0.08(.003)	0.20(.008)
F	1.14(.045)	1.39(.055)
G	2.74(.108)	2.84(.112)
H	1.50(.059)	1.65(.065)
ØK	0.36(.014)	0.40(.016)

PLUG - CATCHERS MIT:



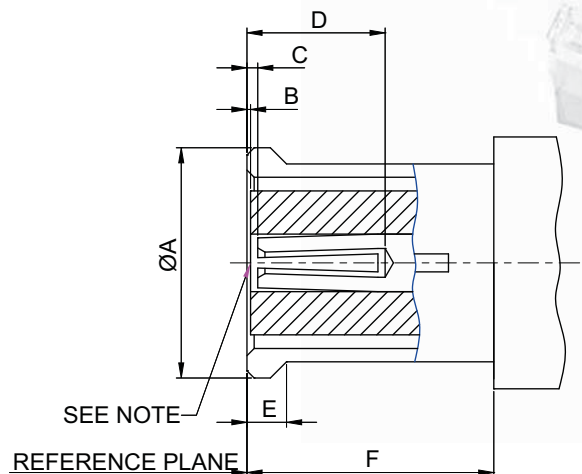
Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	5.84(.230)	6.10(.240)
ØB	5.33(.210)	5.59(.220)
ØC	3.12(.123)	3.22(.127)
D	1.09(.043)	1.19(.047)
E	1.14(.045)	1.40(.055)
F	2.74(.108)	2.84(.112)
ØG	0.36(.014)	0.41(.016)

JACK - CABLED CONNECTOR:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	—	3.43(.135)
C	0.635(.025)	0.889(.035)
D	0.00	
E	0.00	0.20(.008)
F	1.78(.070)	—

JACK - UNCABLED CONNECTOR:



NOTE: ACCEPTS $\varnothing 0.38 \pm 0.0254 (\varnothing 0.015 \pm .001)$ PIN.

Letter	Millimeters(Inch)	
	Minimum	Maximum
$\varnothing A$	-	3.43(.135)
B	0.00(.000)	
C	-	0.20(.008)
D	1.78(.070)	-
E	0.46(.018)	0.64(.025)
F	2.84(.112)	-

SMP

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	500
Working Voltage (at sea level, in V rms, 50Hz)	335
Impedance	50 Ω
Frequency Range	DC up to 40 GHz
RF-leakage	-80db mini. at 3GHz; -65dB mini. from 3 to 26.5 GHz
Insulation Resistance	$\geq 5000M \Omega$
Contact Resistance Inner Conductor	$\leq 6m \Omega$
Contact Resistance Outer Conductor	$\leq 2m \Omega$

Mechanical Data	Full Detent	Limited Detent	Smooth Bore & Catchers Mit
Durability (matings)	100 (min)	500 (min)	5000 (min)
Misalignment	+/-0.508(.020) Radial, +0.000/-0.254(+.000/-0.010) Axial		
Force to Engage(lbs.max)	15.0	5.0	2.0
Force to Disengage(lbs.min)	5.0	1.5	0.5

Environmental Data	
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

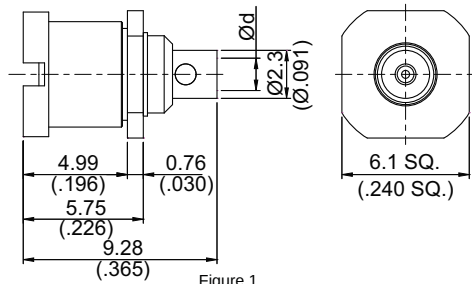


Figure 1

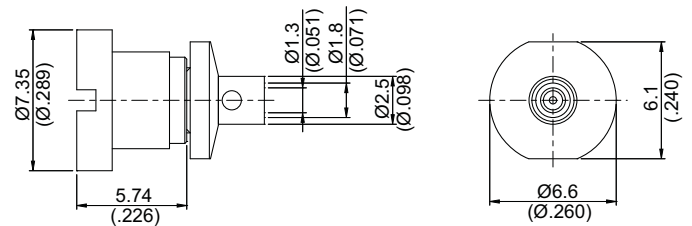


Figure 2

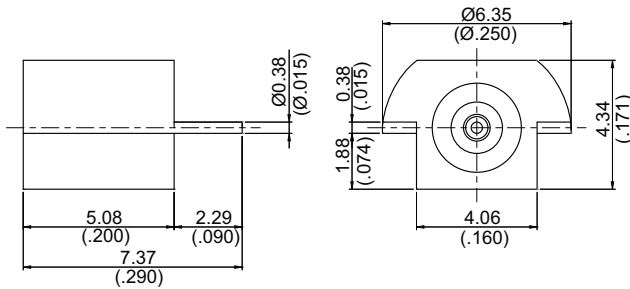


Figure 3

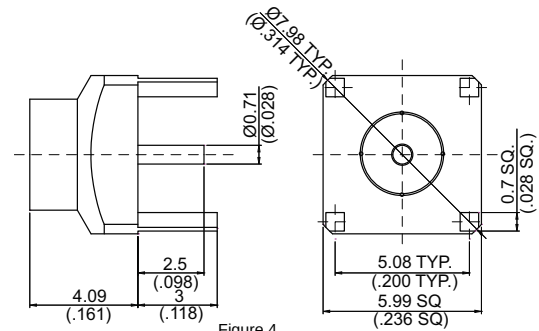


Figure 4

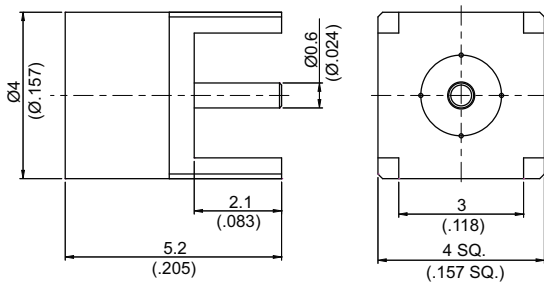


Figure 5

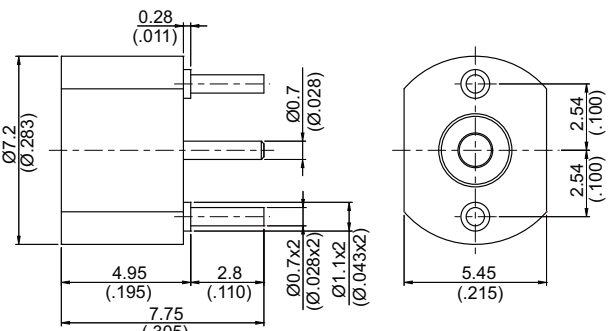
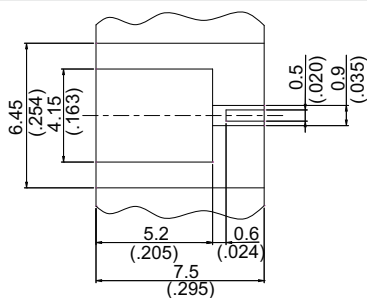
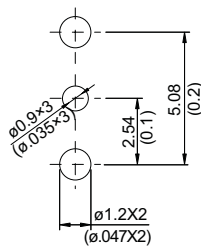


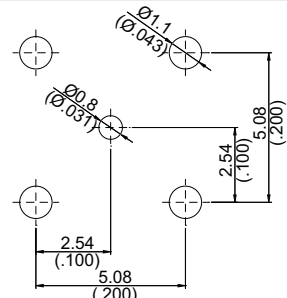
Figure 6



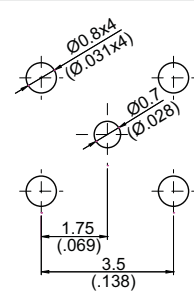
M.H 83A (PANEL CUT-OUT)



M.H 86A

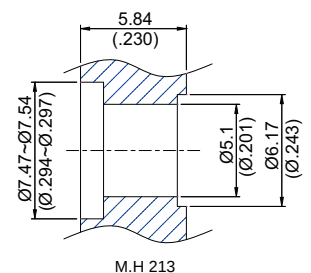


M.H 142A



M.H 145

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
SMP PLUG SOLDER								
SMP3306SG-0047/FEP	1	Ø1.55(Ø.061)	213	.047LF	A3	v		Catchers Mitt Interface
SMP3306SG-0047	1	Ø1.3(Ø.051)	213	.047	A3	v		Catchers Mitt Interface
SMP PLUG SOLDER CLAMP								
SMP3306SG-DXM047	2		213	DXM047	A24	v		Catchers Mitt Interface
SMP PLUG P.C.B EDGE LAUNCH								
SMP3400P-SB00	3		83A		A1			Smooth Bore
SMP3400P-LD00	3		83A		A1			Limited Detent
SMP3400P-FD00	3		83A		A1			Full Detent
SMP PLUG P.C.B MOUNT								
SMP34PW-00FD/NP	4		142A		A14			Full Detent
SMP34PW-00LD	4		142A		A14			Limited Detent
SMP34PW-00SB	4		142A		A14			Smooth Bore
SMP3401-SB00	5		145		A1			Smooth Bore
SMP3401-LD00	5		145		A1			Limited Detent
SMP3401-FD00	5		145		A1			Full Detent
SMP3402-FD00	6		86A		B1			Full Detent
SMP3402-LD00	6		86A		B1			Limited Detent
SMP3402-SB00	6		86A		B1			Smooth Bore



M.H 213

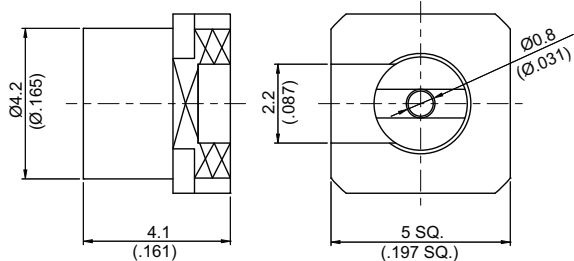


Figure 1

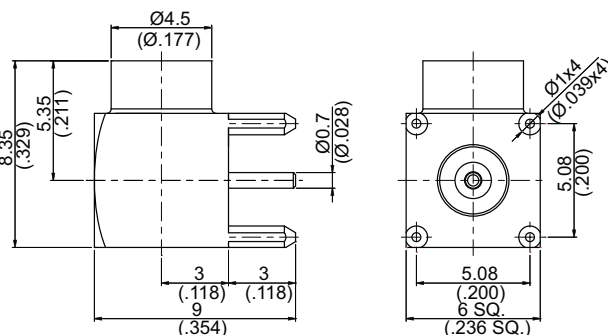


Figure 2

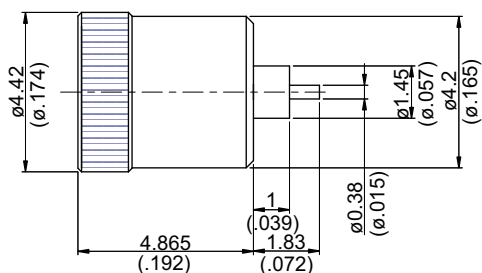


Figure 3

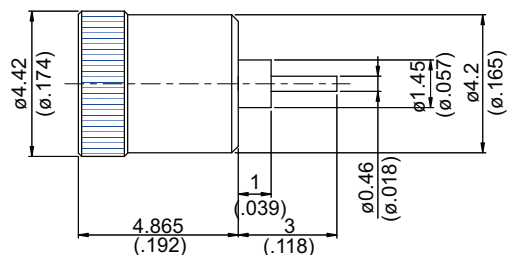


Figure 4

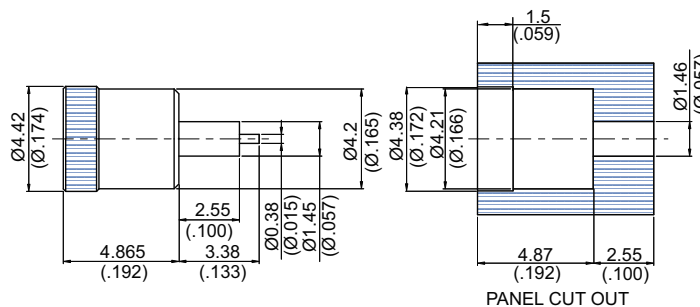


Figure 5

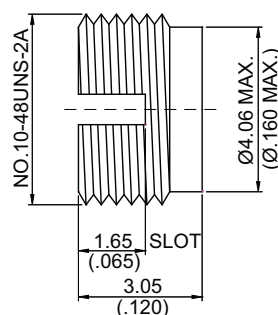
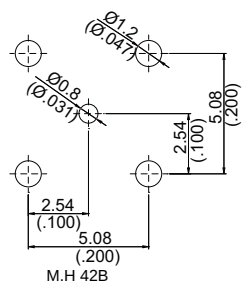
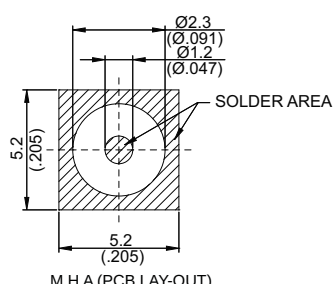


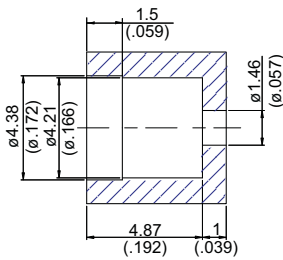
Figure 6



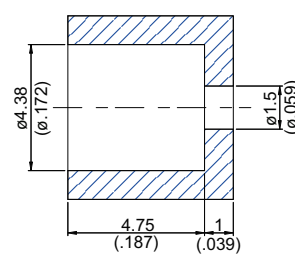
M.H 42B



M.H A (PCB LAY-OUT)



M.H B (PANEL CUT-OUT)



M.H C (PANEL CUT-OUT)

PART NUMBER	Fig.	M.H	Material	Remarks
SMP PLUG P.C.B MOUNT				
SMP34TM-SB00	1	A	A1	Smooth Bore
SMP34TM-0000	1	A	A1	Limited Detent
SMP34TM-FD00	1	A	A1	Full Detent
SMP PLUG P.C.B MOUNT RIGHT ANGLE				
SMP34FD-9000	2	42B	A1	Full Detent
SMP34LD-9000	2	42B	A1	Limited Detent
SMP34SB-9000	2	42B	A1	Smooth Bore
PRESS FIT SMP PLUG FOR BULKHEAD				
SMP350P-SB38	3	B	A1	Smooth Bore
SMP350P-LD38	3	B	A1	Limited Detent
SMP350P-FD38	3	B	A1	Full Detent
SMP350P-SB48	4	C	A1	Smooth Bore
SMP350P-LD48	4	C	A1	Limited Detent
SMP350P-FD48	4	C	A1	Full Detent
SMP350PL-SB38	5		A1	Smooth Bore
SMP350PL-LD38	5		A1	Limited Detent
SMP350PL-FD38	5		A1	Full Detent
SMP PLUG THREAD-IN SHROUD NO CENTER CONDUCTOR				
SMP3FLD-14/16	6		3	Limited Detent
SMP3FFD-14/16	6		3	Full Detent

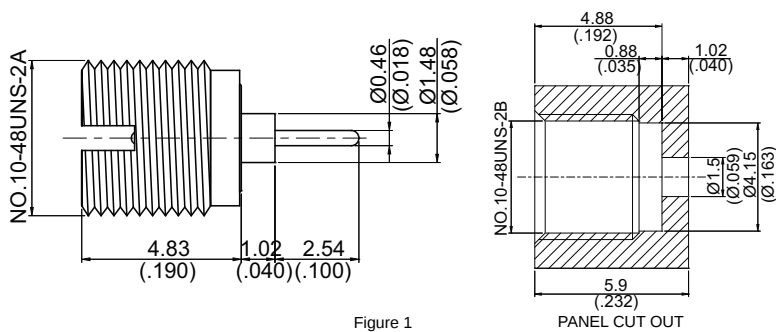


Figure 1

PANEL CUT OUT

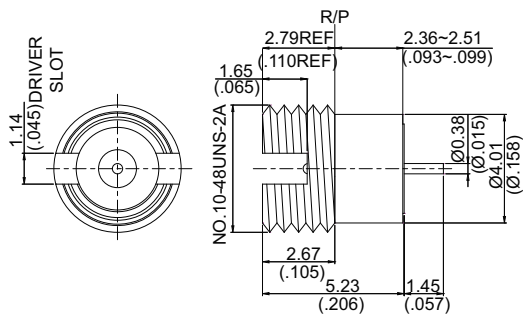


Figure 2

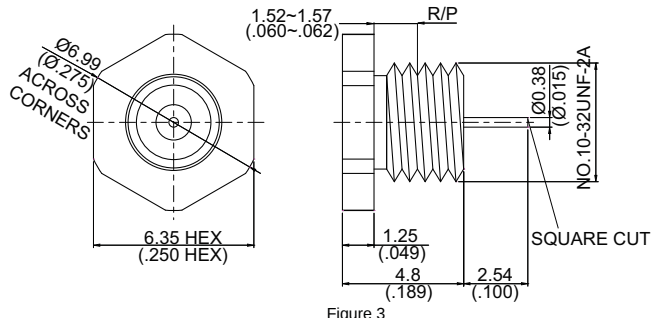


Figure 3

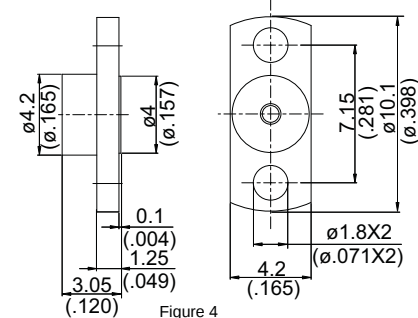


Figure 4

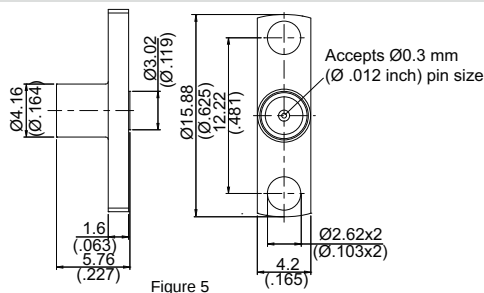
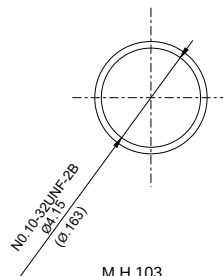
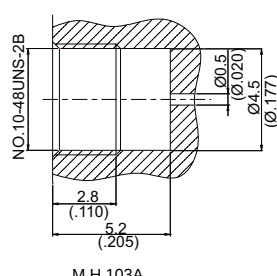


Figure 5



M.H 103



M.H 103A

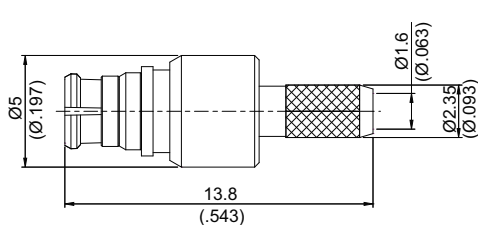


Figure 6

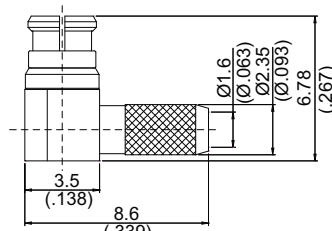


Figure 7

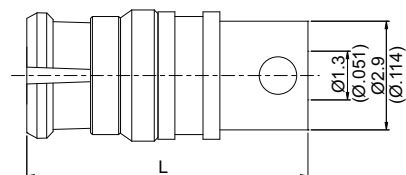


Figure 8

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks	Typical VSWR
						Solder	Crimp		
SMP PLUG SCREW-IN SHROUD STRAIGHT TERMINAL									
SMP3500S-SB46	1				B3			Smooth Bore	
SMP3500S-LD46	1				B3			Limited Detent	
SMP3500S-FD46	1				B3			Full Detent	
SMP3500S1-LD38	2		103A		B18			Limited Detent	
SMP3500S1-FD38	2		103A		B18			Full Detent	
SMP3500S1-SB38	2		103A		B18			Smooth Bore	
SMP3500S2-FD38	3		103		B18			Full Detent	
SMP PLUG FOR PANEL RECEPTACLE									
SMP3620-SB00	4				3			Smooth Bore	
SMP3620-LD00	4				3			Limited Detent	
SMP3620-FD00	4				3			Full Detent	
SMP PLUG FIELD REPLACABLE FOR PANEL RECEPTACLE									
SMP3F26A-FD12	5				B3			Full detent; Accepts 0.3(.012) pin	1Ghz 1.05 2Ghz 1.07 3~7Ghz 1.09 8Ghz 1.12 9~16Ghz 1.23 17Ghz 1.26 18~19Ghz 1.38 20Ghz 1.48
SMP3F26A-LD12	5				B3			Limited Detent; Accepts 0.3(.012) pin	
SMP3F26A-SB12	5				B3			Smooth Bore; Accepts 0.3(.012) pin	
SMP JACK CRIMP									
SMP8100-0316	6			316	B18	v*	v*	A17/A5	
SMP JACK CRIMP RIGHT ANGLE									
SMP8100-9316	7			316	B18	v		A17	
SMP JACK SOLDER									
SMP8300-0047	8	L=7.5(.295)		.047	B18	v			
SMP8300-DXM047	8	L=9(.354)		DXM047	B18	v			

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

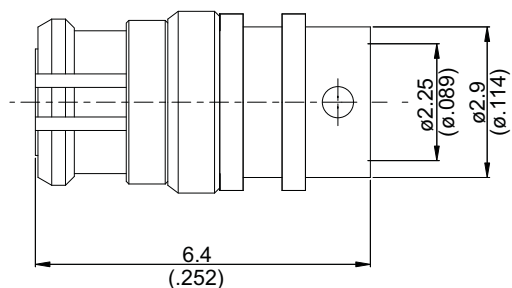


Figure 1

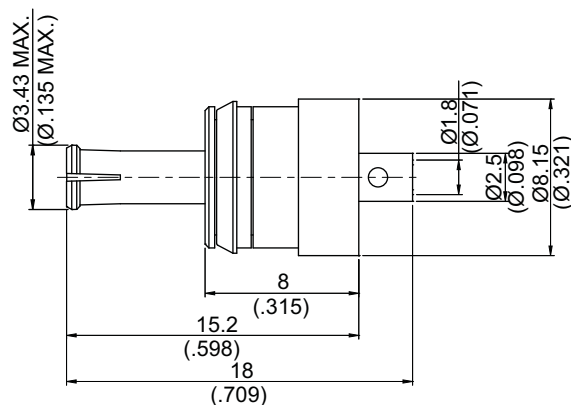


Figure 2

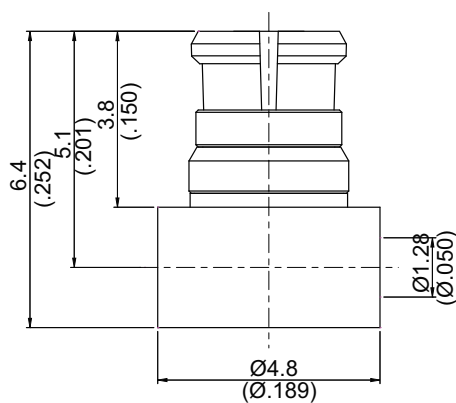


Figure 3

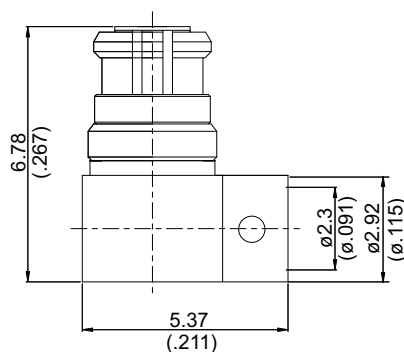


Figure 4

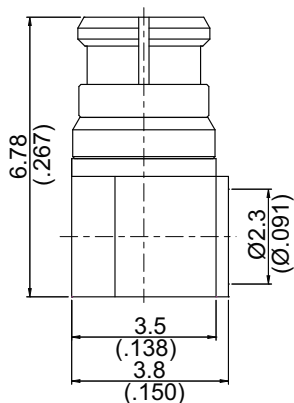


Figure 5

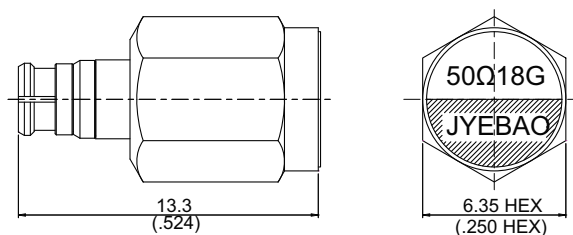
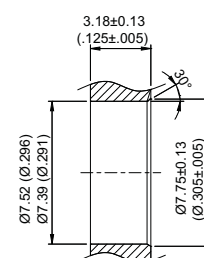


Figure 6

SMP

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
SMP JACK SOLDER							
SMP8300-0085	1		.085	B18	v		
SMP8375-0085	1		.085J	B18	v		75 Ω; For 75ohm Type .085semi-rigid Cable
SMP8300-LD85	1		.085L	B18	v		For Low Density PTFE .085semi-rigid Cable
SMP JACK SOLDER FOR BULKHEAD							
SMP8305-DXM047	2	212	DXM047	B18	v		
SMP JACK SOLDER RIGHT ANGLE							
SMP8300-9047	3		.047	B18	v		
SMP8300-9085	4		.085	B18	v		
SMP83SH-9085	5		.085	B18	v		Short Version Of SMP8300-9085
SMP JACK TERMINATOR							
SMP8900-0018	6			B18			2W Average Power; VSWR ≤ 1.2 Up To 18 GHz



M.H 212

SMPM SERIES

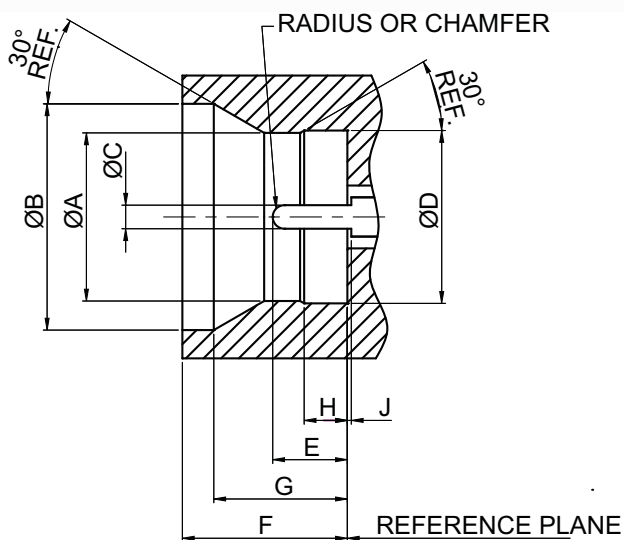
Microminiature Connectors

FEATURES

Mini SMP(SMPM) are extremely small 50hm connectors used for applications up to 65GHz. Two types of mini SMP plugs are available: the smooth bore type & full detent type. The interface is according to MIL-STD 346A but they are mateable with GPPO™.

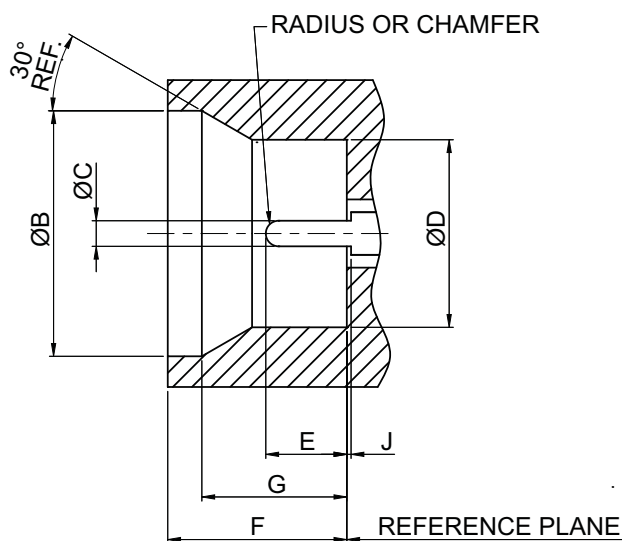
INTERFACE MATING DIMENSIONS

FULL DETENT PLUG



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	2.11(.083)	2.16(.085)
ØB	2.82(.111)	2.92(.115)
ØC	0.28(.011)	0.33(.013)
ØD	2.18(.086)	2.24(.088)
E	0.76(.030)	1.14(.045)
F	2.08(.082)	2.13(.084)
G	1.57(.062)	1.83(.072)
H	0.53(.021)	0.58(.023)
J	0.00(.000)	-

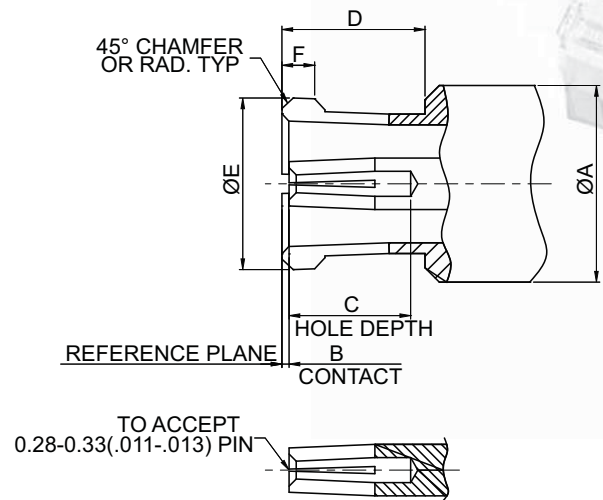
SMOOTH BORE PLUG



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØB	2.82(.111)	2.92(.115)
ØC	0.28(.011)	0.33(.013)
ØD	2.18(.086)	2.24(.088)
E	0.76(.030)	1.14(.045)
F	2.08(.082)	2.13(.084)
G	1.57(.062)	1.83(.072)
J	0.000(.000)	-

NOTE: Gilbert engineering co, inc.

JACK



Letter	Millimeters(Inch)	
	Minimum	Maximum
$\varnothing A$	-	2.79(.110)
B	0.00(.000)	0.20(.008)
C	1.27(.050)	-
D	1.73(.068)	-
$\varnothing E$	-	2.41(.095)
F	-	0.58(.023)

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	325
Impedance	50 Ω
Frequency Range	DC up to 65GHz
Insulation Resistance	$\geq 5G \Omega$
Contact Resistance Inner Contacts	$\leq 6m\Omega$
Contact Resistance Outer Contacts	$\leq 2m\Omega$
Insertion Loss	.12 Root f GHz

Mechanical Data	
Engagement force(Typical)	Smooth Bore 2.5 lbs; Full Detent 4.5 lbs
Disengagement Force(Typical)	Smooth Bore 1.5 lbs; Full Detent 7 lbs
Durability (matings)	Full Detent 100min; Smooth Bore 500min

Environmental Data	
Temperature Range	-55°C...+165°C
Thermal Shock	MIL-STD-202,Method 107,Condition B
Moisture Resistance	MIL-STD-202,Method 106
Corrosion	MIL-STD-202, Method 101

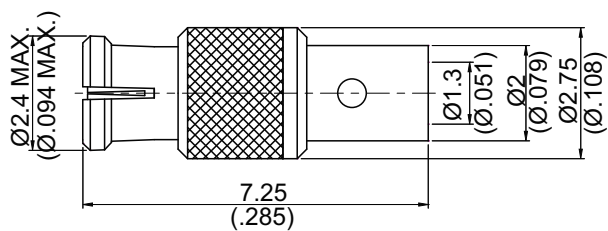


Figure 1

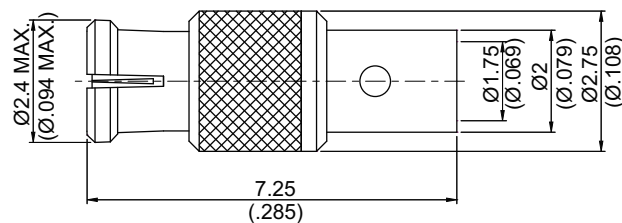


Figure 2

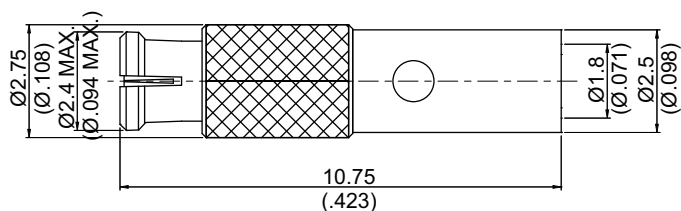


Figure 3

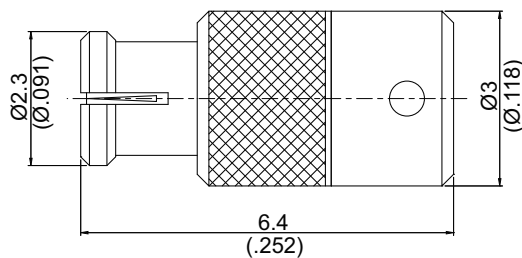


Figure 4

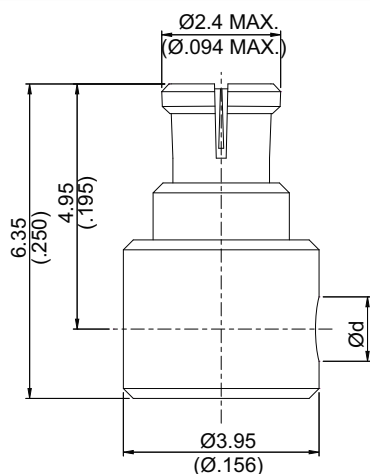


Figure 5

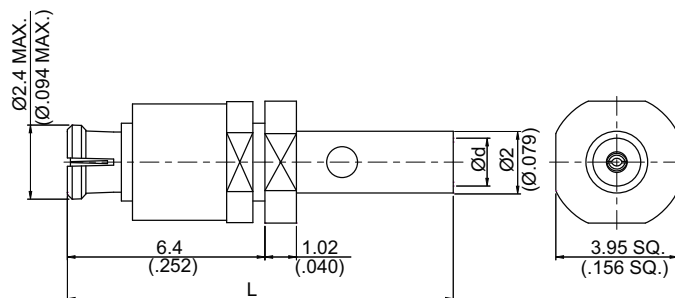


Figure 6

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry			Remarks
					Solder	Crimp	Piug In	
SMPM JACK SOLDER								
SMPM8300-0047	1		.047	B18	v			
SMPM8300-0047/LD/FEP	2		.047LF	B18	v			
SMPM8300-DXM047	3		DXM047	B18			v	
SMPM8300-0085	4		.085	B18	v			
SMPM JACK SOLDER RIGHT ANGLE								
SMPM8300-9047	5	Ød=1.3(.051)	.047	B18	v			
SMPM8300-9085	5	Ød=2.3(.091)	.085	B18	v			
SMPM JACK SOLDER FOR BULKHEAD								
SMPM8305-0047/LD/FEP	6	L=12.5(.492) Ød=1.75(.069)	.047LF	B22			v	
SMPM8305-0047	6	L=10(.394) Ød=1.3(.051)	.047	B22			v	

BMA SERIES

Subminiature Blind Mate Connectors

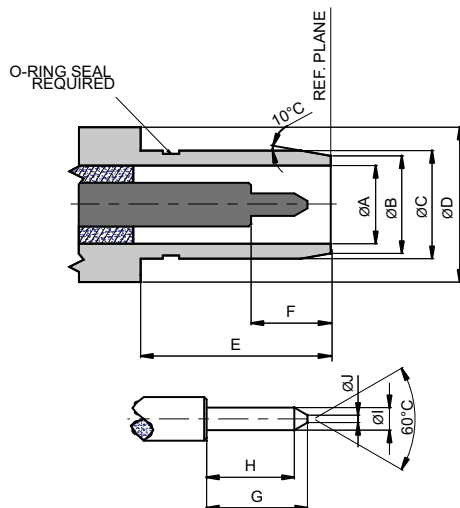
FEATURES

The BMA blindmate connectors are designed for blindmate applications up to 18Ghz. They have a slide-on, non-locking interface which ensures frequent matings / unmatings and allows it to be used in applications where several RF connectors need to be mated simultaneously.

They are mostly used in test and measurement equipment, military radar equipment and wireless base station equipment.

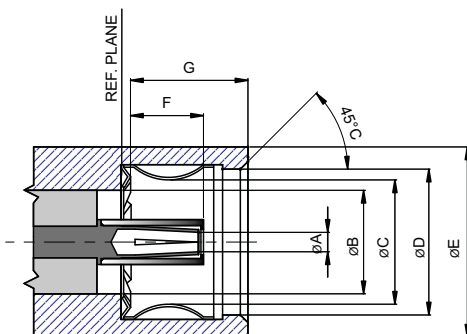
INTERFACE MATING DIMENSIONS

PLUG :



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	4.08(.161)	
B	4.88(.192)	
C	5.30(.209)	5.35(.211)
D	7.62(.300)	
E	5.03(.198)	—
F	3.25(.128)	—
G	2.29(.090)	
H	1.35(.053)	—
I	0.899(.0354)	0.94(.037)
J	—	0.38(.015)

JACK :



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	See Note 1	
B	4.08(.161)	
C	—	5.08(.200)
D	5.71(.225)	—
E	7.37(.290)	—
F	2.92(.115)	3.22(.127)
G	—	4.95(.195)

Note:

1: Bore diameter closed to meet electrical and mechanical requirements when mated with a 0.0355/0.0370 inch(0.902/0.940MM) pin.

2: Jyebao BMA connectors meet the interface requirements of MIL-STD-348A.



TECHNICAL DATA

Electrical Data		
Cable type	RG402	RG405
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1500	1000
Working Voltage (at sea level, in V rms, 5Mhz)	1000	670
Impedance	50Ω	
Frequency Range	DC up to 18GHz	
RF-leakage(full mated)	≥90dB-f(GHz)	
Insulation Resistance	≥5000MΩ	
Contact Resistance Inner Contacts	≤3mΩ	
Contact Resistance Outer Contacts	≤2mΩ	

Mechanical Data	
Engagement force	≤3.08 in.lbs
Contact captivation	≥6.16 lbs
Durability (matings)	1000 (min)
Disengagement Force	≥0.45 lbs

Environmental Data	
Temperature Range	-65°C...+125°C
Thermal Shock	MIL-STD-202,Method 107,Condition B
Moisture Resistance	MIL-STD-202,Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

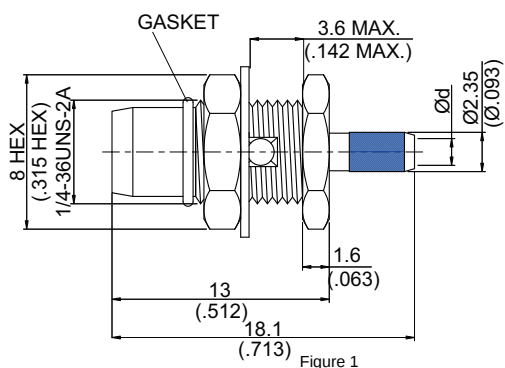


Figure 1

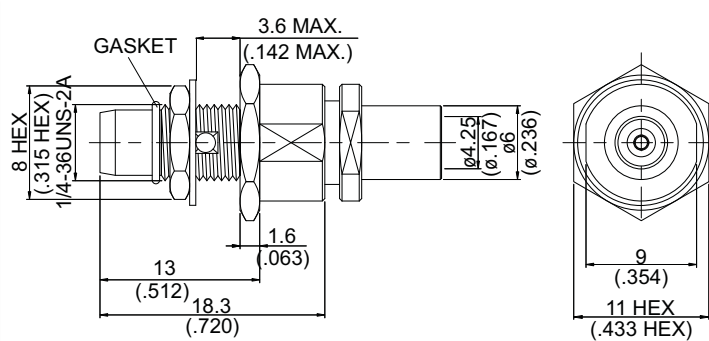


Figure 2

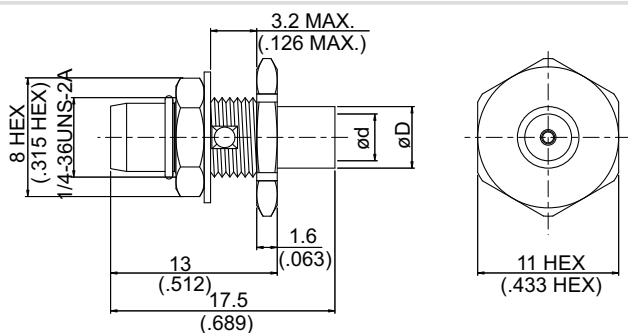


Figure 3

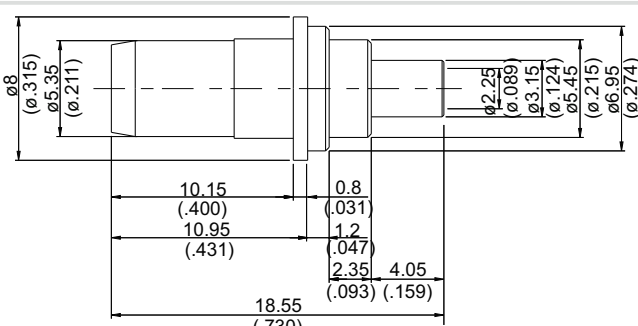


Figure 4

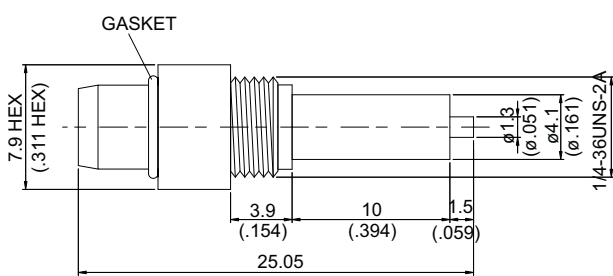


Figure 5

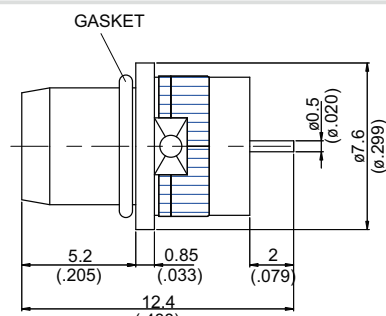
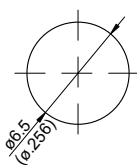
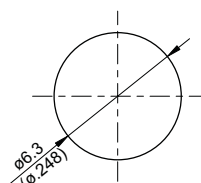


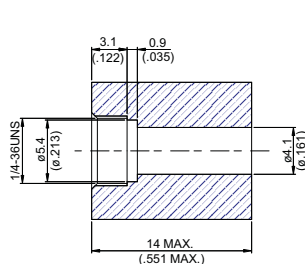
Figure 6



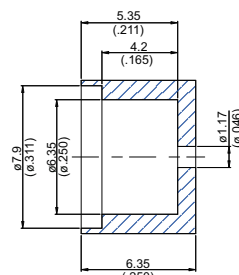
M.H 91



M.H 111A



M.H A (PANEL CUT OUT)



M.H B (PANEL CUT OUT)

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug In		
BMA PLUG CRIMP FOR BULKHEAD										
BMA3105S-0316	1	ød=1.6(.063)	91	316	B3	v*	v*		A17/A5	Stainless
BMA3105DS-0316	1	ød=1.6(.063)	91	316D	B3	v*	v*		A17/A5	Stainless
BMA3105S-L100	1	ød=1.7(.067)	91	100	B3	v*	v*		A17/A5	Stainless
BMA PLUG SOLDER CLAMP FOR BULKHEAD										
BMA3205S-S402	2		91	5003	B3			v		Stainless
BMA PLUG SOLDER FOR BULKHEAD										
BMA3305-0085	3	ød=2.30(.091) øD=3.2(.126)	111A	.085	B1			v		Gold Plated Brass
BMA3305-0085/W	3	ød=2.30(.091) øD=3.2(.126)	111A	.085	B2			v		Tin-Zinc-Copper Plated Brass
BMA3305-0141	3	ød=3.65(.144) øD=4.8(.189)	111A	.141	B1			v		Gold Plated Brass
BMA3305-0141/W	3	ød=3.65(.144) øD=4.8(.189)	111A	.141	B2			v		Tin-Zinc-Copper Plated Brass
BMA3305ASG-0085	4			.085	B14			v		No Gasket;Stainless;Gold Plated
BMA PLUG FOR BULKHEAD										
BMA3500-0000	5		A	B3						Stainless
BMA3501-0000	6		B	B3						Stainless

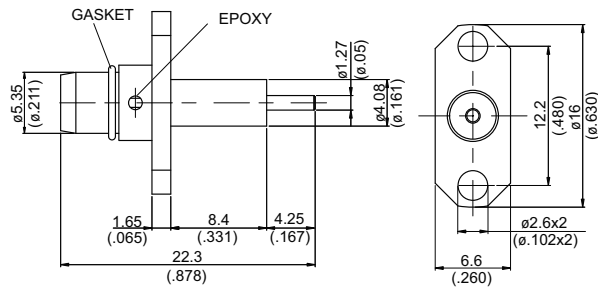


Figure 1

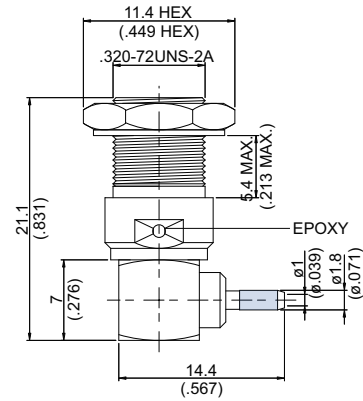


Figure 2

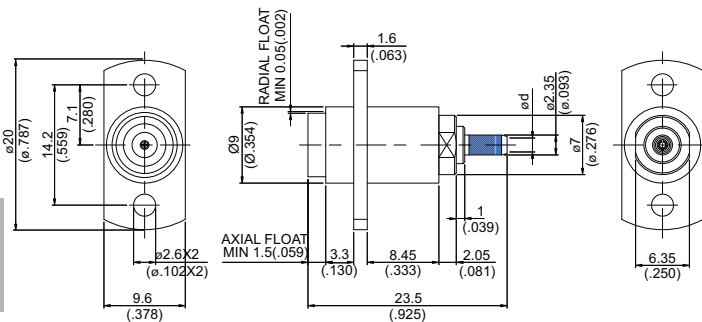


Figure 3

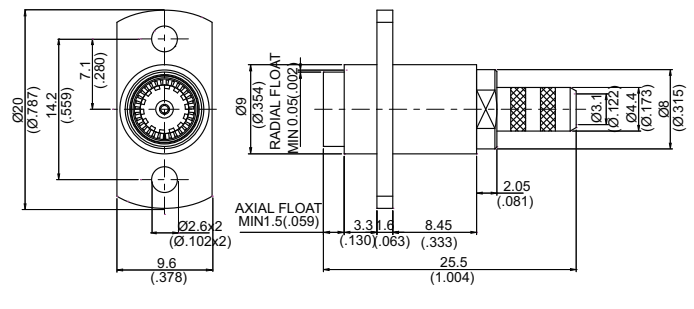


Figure 4

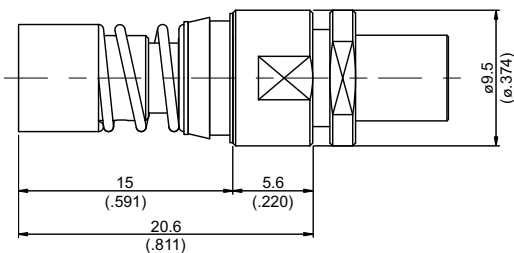


Figure 5

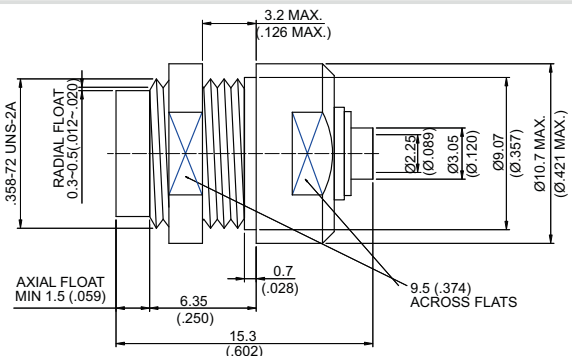
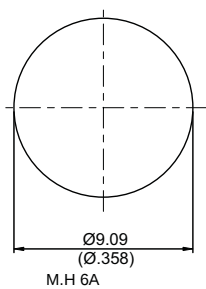
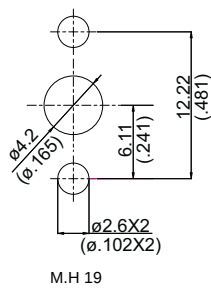


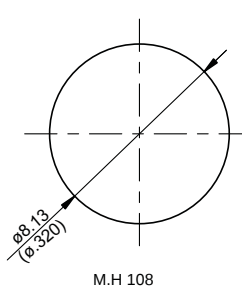
Figure 6



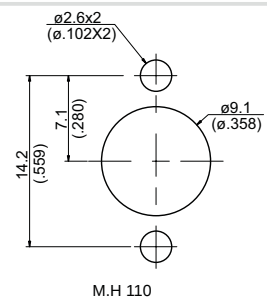
M.H 6A



M.H 19



M.H 108



M.H 110

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Piug In		
BMA PLUG FOR PANEL RECEPTACLE										
BMA362H-0000	1		19		A3					Stainless
BMA JACK CRIMP FOR BULKHEAD RIGHT ANGLE										
BMA8105-9178	2		108	178	B3	v			A10	Stainless
BMA JACK CRIMP FOR PANEL RECEPTACLE										
BMA8162S-0316	3	ød=1.6(.063)	110	316	B3	v*	v*		A17/A5	Stainless
BMA8162S-L100	3	ød=1.7(.067)	110	100	B3	v*	v*		A17/A5	
BMA8162-0058	4		110	58	B2			v	B7	Tin-Zinc-Copper Plated Brass
BMA8162-0142	4		110	142	B2			v	B7	Tin-Zinc-Copper Plated Brass
BMA8162-0223	4		110	223	B2			v	B8	Tin-Zinc-Copper Plated Brass
BMA JACK SOLDER CLAMP										
BMA8200QS-S402	5			5003	B3	v				Stainless
BMA JACK SOLDER FOR BULKHEAD										
BMA8305-0085	6		6A	.085	B3			v		Stainless

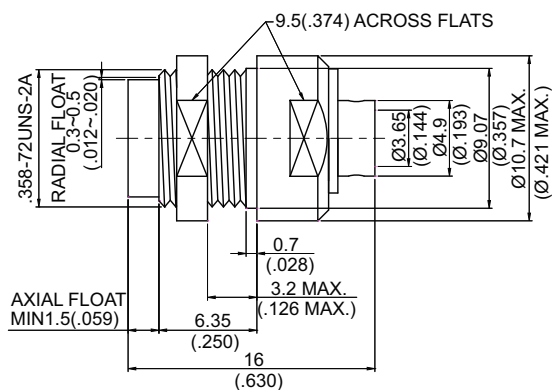


Figure 1

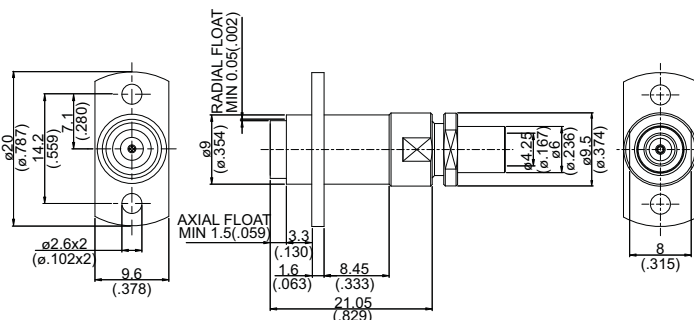


Figure 2

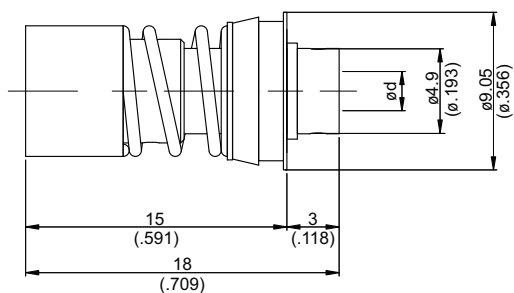


Figure 3

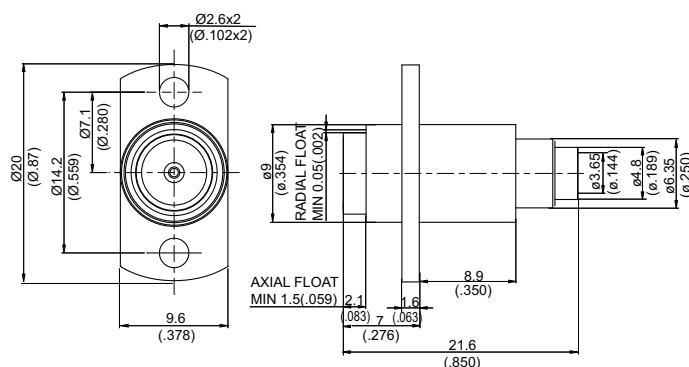


Figure 4

BMA

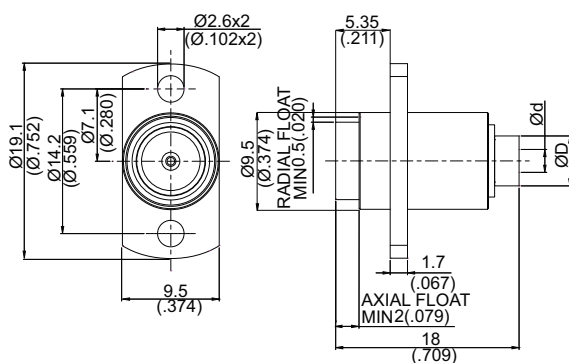
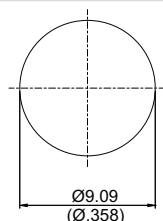
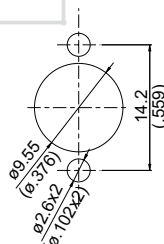


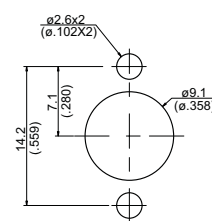
Figure 5



M.H 6A



M.H 109



M.H 110

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Remarks
						Solder	Crimp	Piug In	
BMA JACK SOLDER FOR BULKHEAD									
BMA8305-0141/W	1		6A	.141	B2			v	
BMA JACK SOLDER CLAMP FOR PANEL RECEPTACLE									
BMA8262-S402	2		110	5003	B3			v	Stainless
BMA JACK SNAP ON SOLDER									
BMA8300Q-0085	3	ød=2.25(.089)		.085	B14			v	Stainless;Gold Plated
BMA8300Q-0141	3	ød=3.65(.144)		.141	B14			v	Stainless;Gold Plated
BMA JACK SOLDER FOR PANEL RECEPTACLE									
BMA8362-0141/G	4		110	.141	B1			v	Gold Plated Brass Body
BMA8362-0141	4		110	.141	B2			v	Tin-Zinc-Copper Alloy Plated Brass Body
BMA8326A-0085	5	ød=2.25(.089) øD=4.9(.193)	109	.085	B1			v	Gold Plated Brass Body
BMA8326A-0085/W	5	ød=2.25(.089) øD=4.9(.193)	109	.085	B2			v	Tin-Zinc-Copper Alloy Plated Brass Body
BMA8326A-0141	5	ød=3.7(.146) øD=4.6(.181)	109	.141	B1			v	Gold Plated Brass Body
BMA8326A-0141/W	5	ød=3.7(.146) øD=4.6(.181)	109	.141	B2			v	Tin-Zinc-Copper Alloy Plated Brass Body
BMA8326S-0141	5	ød=3.7(.146) øD=4.6(.181)	109	.141	B3			v	Stainless

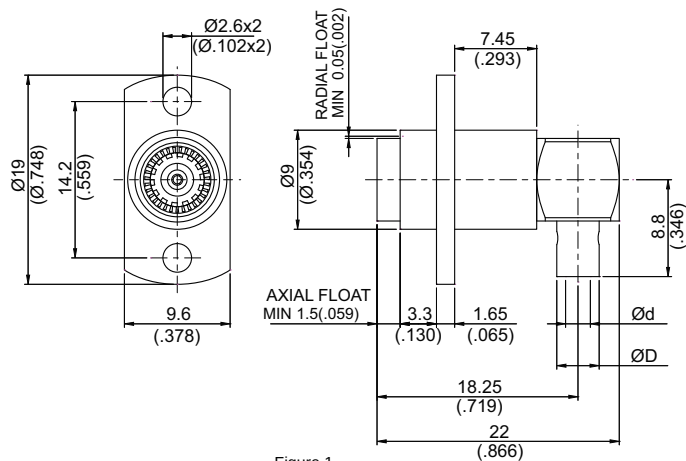


Figure 1

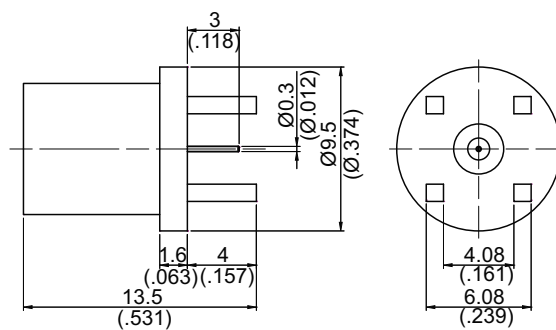


Figure 2

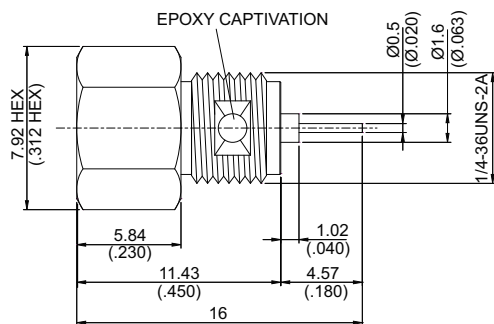
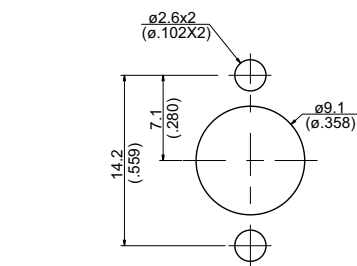
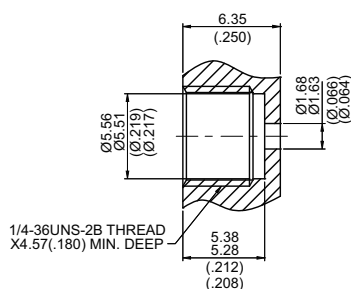


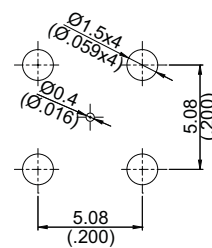
Figure 3



M.H 110



M.H 35A (PANEL CUT OUT)



M.H 142C

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry	Remarks
						Solder Crimp	
BMA JACK SOLDER FOR PANEL RECEPTACLE RIGHT ANGLE							
BMA8262-9S405	1	Ød=2.25(.089) ØD=3.85(.152)	110	5002	B1	v	Gold Plated Brass Body
BMA8362-9085	1	Ød=2.25(.089) ØD=3.85(.152)	110	.085	B1	v	Gold Plated Brass Body
BMA8362-9141	1	Ød=3.65(.144) ØD=4.8(.190)	110	.141	B1	v	Gold Plated Brass Body
BMA8362-9141/W	1	Ød=3.65(.144) ØD=4.8(.190)	110	.141	B2	v	Tin-Zinc-Copper Alloy Plated Brass Body
BMA JACK P.C.B MOUNT							
BMA8400A2-0000	2		142C		B1		Epoxy Captivated
BMA JACK FOR BULKHEAD							
BMA850CSG-0000	3		35A		B14		Stainless;Gold Plated

UHF SERIES

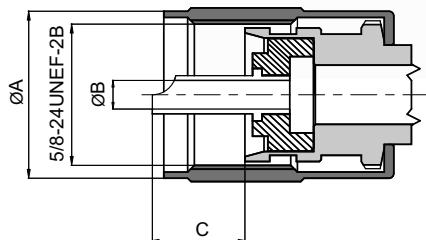
High Voltage Connectors

FEATURES

UHF is a low cost, impedance non-constant connector suitable for low-frequency applications. UHF connectors offer good torsional protection and high vibration security.

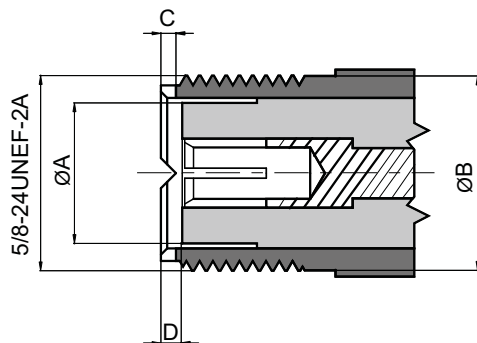
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	17.65(.695)	
B	3.18(.125)	
C	8.63(.340)	9.91(.390)

JACK:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	11.51(.453)	
B	15.75(.620)	
C	—	1.44(.057)
D	—	2.16(.085)

TECHNICAL DATA

Electrical Data	
Working Voltage (at sea level, in V rms, 50Hz)	500
Impedance	non constant
Frequency Range	300MHz
Insulation Resistance	≥5000M Ω
Contact Resistance Inner Conductor	≤5m Ω
Contact Resistance Outer Conductor	≤3m Ω

Environmental Data	Test Conditions
Temperature Range	-65°C...+165°C

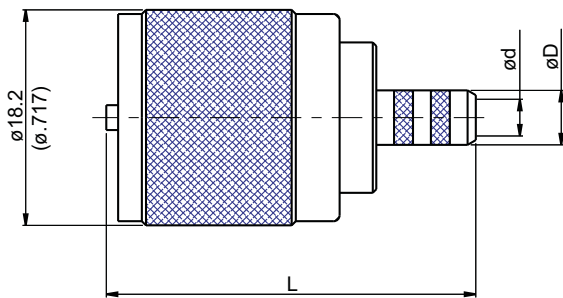


Figure 1

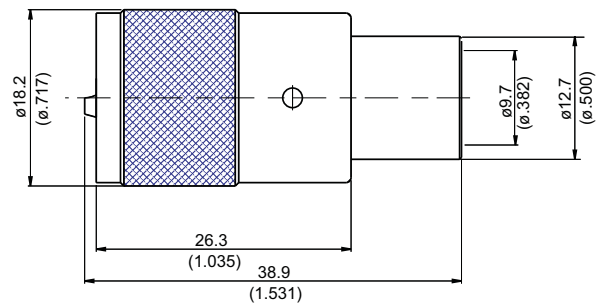


Figure 2

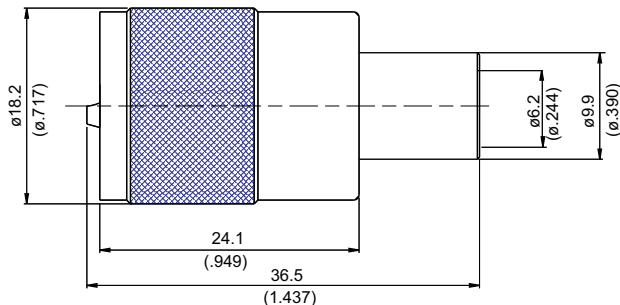


Figure 3

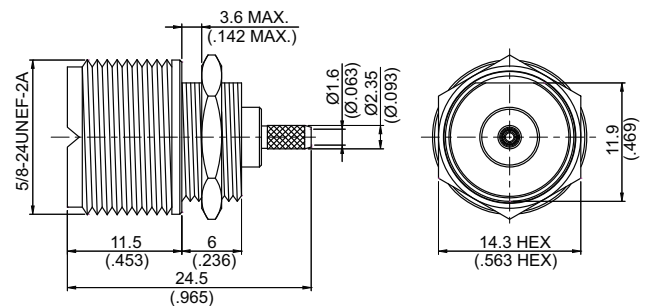


Figure 4

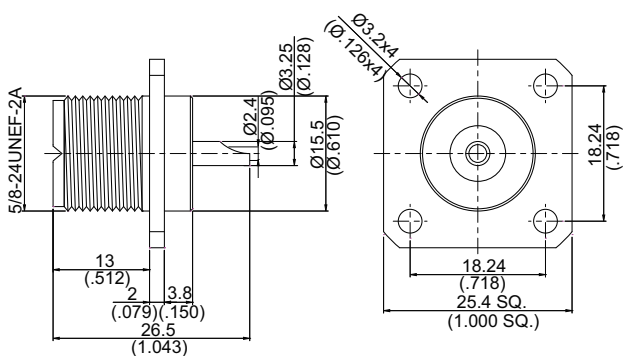
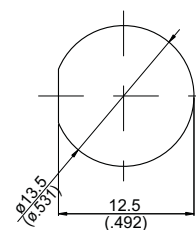


Figure 5



M.H 113A

PART NUMBER	Fig.	Measurements	Cable Group	M.H	Material	Pin Entry			Crimp Insert
						Solder	Crimp	Plug In	
UHF PLUG CRIMP									
UHF3100-0058	1	L=31.2(1.228) ød=3.1(.122) øD=4.4(.173)	58		A11	v			B7
UHF3100-0142	1	L=31.2(1.228) ød=3.1(.122) øD=4.4(.173)	142		A11	v			B7
UHF31EZ-L400	1	L=33.3(1.311) ød=7.5(.295) øD=9.6(.378)	400		A11			v	C7
UHF PLUG CLAMP									
UHF3200-0214	2		214		A11	v			
UHF3200-8DFB	2		8DFB		A11	v			
UHF3200-5DFB	3		300		A11	v			
UHF JACK CRIMP FOR BULKHEAD									
UHF8105-0316	4		316	113A	C2		v		A5
UHF JACK PANEL MOUNT SOLDER									
UHF864A-0000	5				C2				

TWB/BNC SERIES

Microminiature Connectors

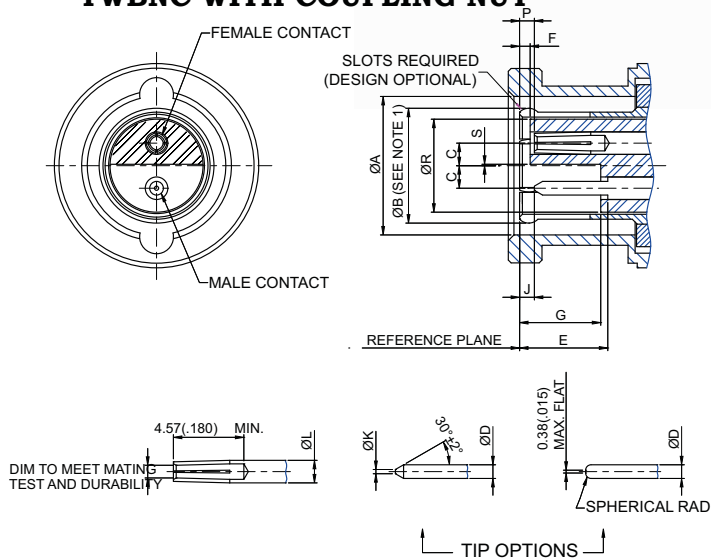
FEATURES

TRB/BNC are impedance non-constant connectors that can be used in applications up to 500MHz. They look like BNC connectors but are tri-axial with a three-stud bayonet coupling.

They are manufactured to meet the MIL-C-49142 or MIL-STD-346A and are used with a wide range of twinaxial and triaxial cables.

INTERFACE MATING DIMENSIONS

TWBNC WITH COUPLING NUT

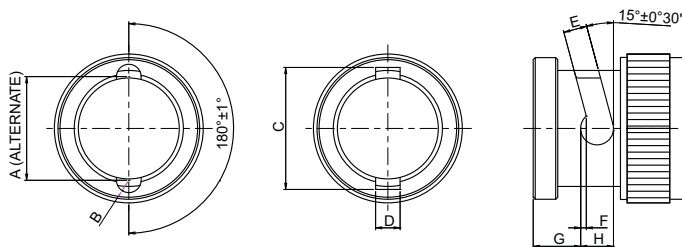


Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	9.78(.385)	9.91(.390)
B	Mating Test (See Note)	
C	1.57(.062)	1.63(.064)
ØD	0.94(.037)	0.99(.039)
E	5.79(.228)	6.60(.260)
F	0.71(.028)	1.07(.042)
G	5.23(.206)	5.79(.228)
J	0.89(.035)	1.65(.065)
ØK	0.25(.010)	0.38(.015)
ØL	1.55(.061)	1.63(.064)
P	0.81(.032)	1.57(.062)
ØR	6.71(.264)	---
S	0.03(.001)	0.10(.004)

Note 1: Flare to meet gauge test.

Note 2: This interface shall meet the gauge requirements as specified in MIL-C-3655/15.

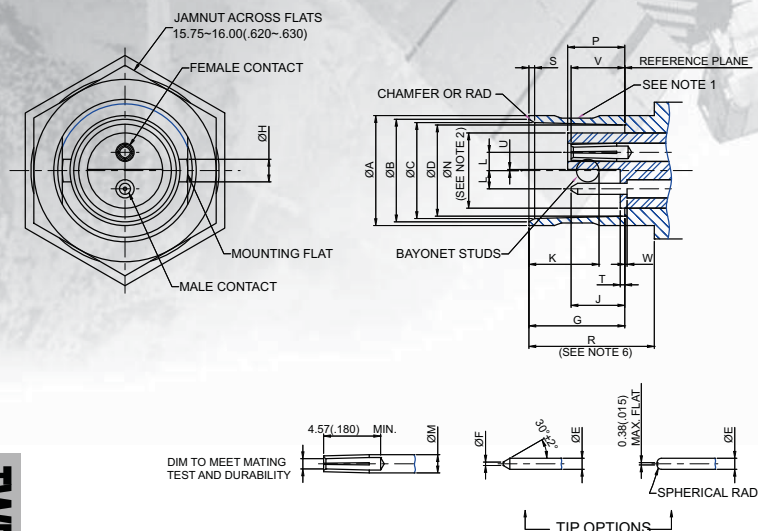
TWBNC COUPLING NUT:



Letter	Millimeters(Inch)	
	Minimum	Maximum
A	10.01(.394)	10.16(.400)
B	1.14(.045)	1.24(.049)
C	11.76(.463)	12.01(.473)
D	2.31(.091)	2.46(.097)
E	2.31(.091)	2.46(.097)
F	0.46(.018)	0.56(.022)
G	4.57(.180)	4.67(.184)
H	3.15(.124)	---

Note : Jyebao TWB/BNC connectors meet the interface requirements of MIL-STD-348A.

TWBNC WITHOUT COUPLING NUT:



Letter	Millimeters(Inch)	
	Minimum	Maximum
ØA	9.60(.378)	9.68(.381)
ØB	8.76(.345)	9.04(.356)
ØC	8.31(.327)	8.53(.336)
ØD	8.10(.319)	8.15(.321)
ØE	0.94(.037)	0.99(.039)
ØF	0.25(.010)	0.38(.015)
G	8.36(.329)	8.46(.333)
ØH	1.90(.075)	2.06(.081)
J	4.34(.171)	5.08(.200)
K	5.18(.204)	5.28(.208)
L	1.57(.062)	1.63(.064)
ØM	1.55(.061)	1.63(.064)
ØN	---	6.65(.262)
P	4.78(.188)	5.23(.206)
R	10.54(.415)	---
S	0.38(.015)	0.76(.030)
T	0.00(.000)	0.71(.028)
U	0.03(.001)	0.10(.004)
V	4.32(.170)	5.08(.200)
W	0.00(.000)	1.02(.040)

Note 1: Concave depression 2.51x0.123(.100x.005) deep between studs permitted.

Note 2: N dimension applies to portion of dielectric protruding beyond reference plane.

Note 3: Bayonet studs and plane of contacts shall be within $\pm 3^\circ$ of orientation shown.

Note 4: Contacts - insulator and mounting flat shall be oriented within $\pm 3^\circ$ of orientation shown.

Note 5: This interface shall meet the gauge requirements as specified in MIL-C-3655/16.

Note 6: Clearance for mating connector coupling nut.

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms)	1500
Working Voltage (at sea level in V rms)	500
Impedance	78
Frequency Range	DC-500MHz
Insulation Resistance	5000 megaohm

Environmental Data	Test Conditions
Temperature Range	- 65°C...+165°C
Corrosion	MIL-STD-202, Method 101, Condition B

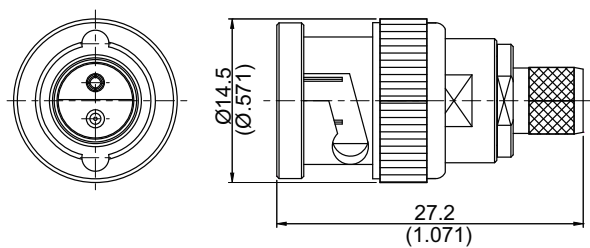


Figure 1

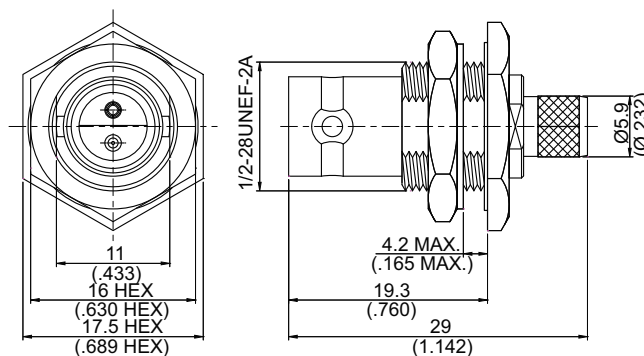
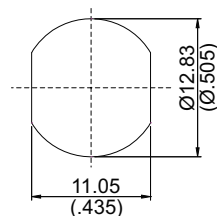


Figure 2



M.H 7E

TWB/BNC

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
TWB/BNC PLUG CRIMP								
TWB3100-TW5001	1		TW5001	C11	v		E4	
TWB/BNC JACK CRIMP FOR BULKHEAD								
TWB8105-TW5001	2	7E	TW5001	C11	v		E4	

TRB/BNC SERIES

Microminiature Connectors

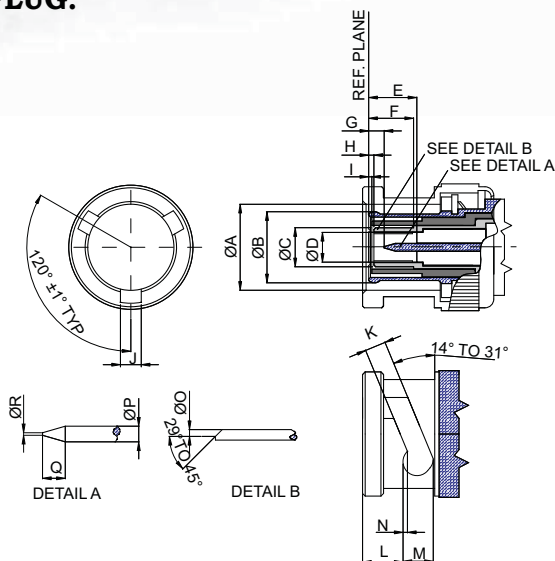
FEATURES

TRB/BNC are impedance non-constant connectors that can be used in applications up to 500MHz. They look like BNC connectors but are tri-axial with a three-stud bayonet coupling.

They are manufactured to meet the MIL-C-49142 or MIL-STD-346A and are used with a wide range of twinaxial and triaxial cables.

INTERFACE MATING DIMENSIONS

PLUG:

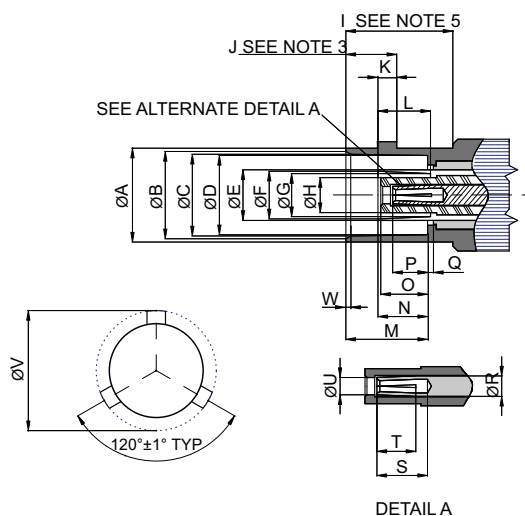


Note 1: Flared to meet mating characteristic test.

Note 2: This interface shall meet the gauge requirements of MIL-C-49142.

Letter	Millimeters(Inch)	
	Minimum	Maximum
A	9.78(.385)	9.91(.390)
B	See Note 2	
C	See Note 1	
D	3.12(.123)	—
E	5.41(.213)	—
F	5.41(.213)	6.15(.242)
G	0.20(.008)	1.07(.042)
H	0.18(.007)	0.84(.033)
I	0.03(.001)	—
K	2.31(.091)	2.46(.097)
L	4.57(.180)	4.67(.184)
M	3.15(.124)	—
N	0.46(.018)	0.56(.022)
O	0.13(.005)	0.25(.010)
P	0.94(.037)	0.99(.039)
Q	1.04(.041)	1.55(.061)
R	—	0.25(.010)

JACK:



Note 3: .005(0.13MM) flat permissible to meet dimension J.

Note 4: Chamfer or radius.

Note 5: Clearance for mating connector coupling nut.

Note 6: Jyebao TRB/BNC connectors meet the interface requirements of MIL-STD-346A

Letter	Millimeters(Inch)	
	Minimum	Maximum
A	9.60(.378)	9.70(.382)
B	8.79(.346)	9.04(.356)
C	8.31(.327)	8.46(.333)
D	8.10(.319)	8.15(.321)
E	4.95(.195)	5.05(.199)
F	4.52(.178)	4.62(.182)
G	4.29(.169)	4.34(.171)
H	2.97(.117)	3.10(.122)
I	10.52(.414)	—
J	5.18(.204)	5.28(.208)
K	1.90(.075)	2.06(.081)
L	5.23(.206)	5.41(.213)
M	8.31(.327)	8.51(.335)
N	4.75(.187)	5.41(.213)
O	—	5.41(.213)
P	4.19(.165)	5.16(.203)
Q	0.03(.001)	—
R	1.57(.062)	1.63(.064)
S	5.41(.213)	—
T	3.38(.133)	4.19(.165)
U	1.02(.040)	1.09(.043)
V	10.97(.432)	11.07(.436)
W	0.38(.015)	0.76(.030)

TECHNICAL DATA

Electical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50Hz)	1200
Working Voltage (at sea level, in V rms, 50Hz)	400
Impedance	non-constant
Frequency Range	500MHz
Insulation Resistance	$\geq 5000M \Omega$
Contact Resistance Inner Conductor	$\geq 2m \Omega$
Contact Resistance Intermediate Outer Conductor	$\leq 0.5 \text{ milli } \Omega$

Mechanical Data	
Cable Retention Force	.2~.325:40 in.lbs
Center Contact Captivation Axial Force	6 in.lbs(min)
Durability (matings)	500(min)

TRB/BNC

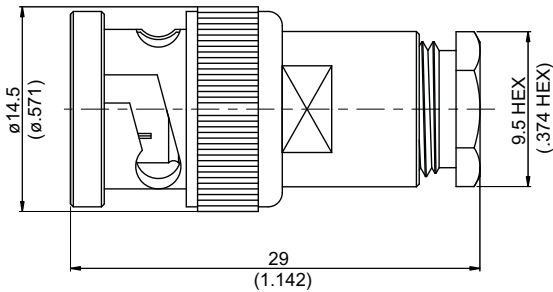


Figure 1

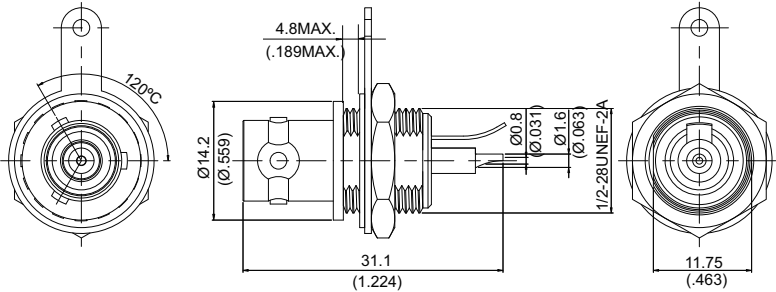
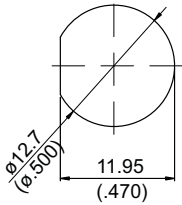


Figure 2

TRB/BNC



M.H 112

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry		Remarks
					Solder	Crimp	
TRB/BNC PLUG CLAMP							
TRB3200-TR50	1		5001	A11	v		
TRB/BNC JACK FOR BULKHEAD							
TRB8500-TR50	2	112		C2			

SHV SERIES

High Voltage Connectors

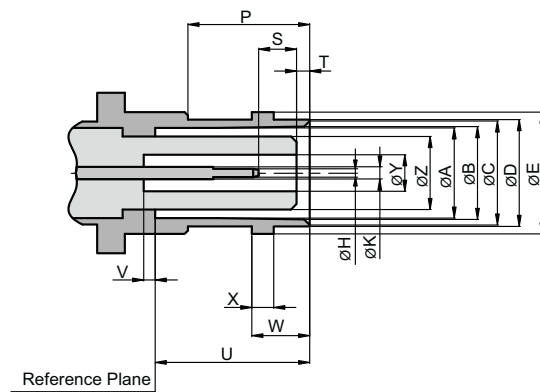
FEATURES

SHV connectors are suitable for all high voltage applications up to 3.5KV RMS, in particular for use on nuclear instruments.

The SHV outer contact ground connection is maintained through the center contact mating cycle. The center contacts are recessed to prevent shock hazards when the connectors are unmated.

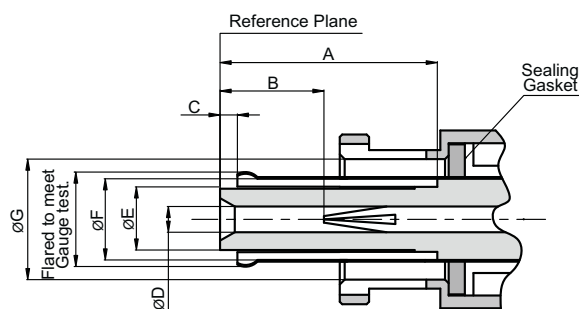
INTERFACE MATING DIMENSIONS

JACK:



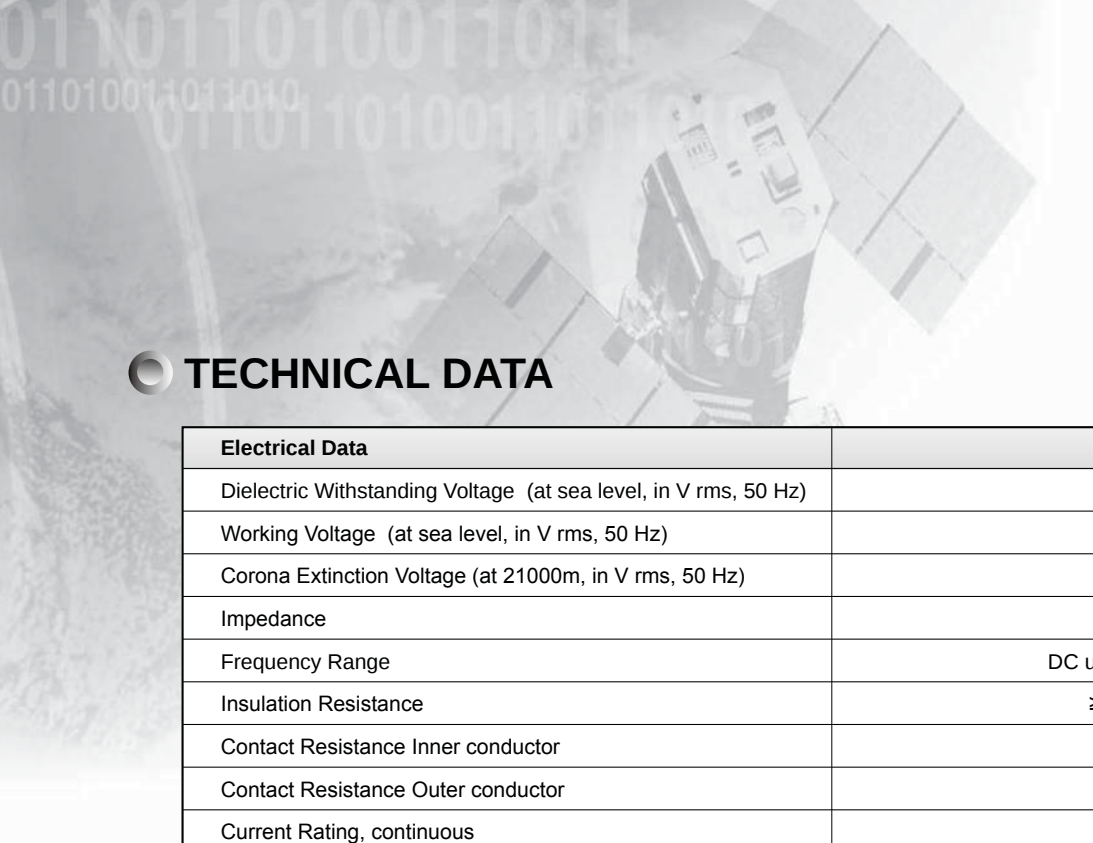
Letter	Millimeters (inch)	
	Minimum	Maximum
A	8.10(.319)	8.15(.321)
B	8.33(.328)	8.46(.333)
C	8.81(.347)	9.07(.357)
D	9.60(.378)	9.70(.382)
E	10.97(.432)	11.07(.436)
H	1.32(.052)	1.37(.054)
K	2.06(.081)	2.11(.083)
P	10.85(.427)	—
S	4.78(.188)	5.28(.208)
T	1.55(.061)	1.98(.078)
U	15.90(.626)	16.00(.630)
V	1.63(.064)	2.18(.086)
W	5.18(.204)	5.28(.208)
X	1.90(.075)	2.06(.081)
Y	4.83(.190)	4.98(.196)
Z	—	6.60(.260)

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	15.95(.628)	16.05(.632)
B	6.05(.238)	6.65(.262)
C	1.17(.046)	1.63(.064)
D	2.08(.082)	—
E	4.57(.180)	4.72(.186)
F	6.71(.264)	—
G	9.78(.385)	9.91(.390)

Note: Jyebao SHV connectors meet the interface requirements of MIL-STD-348A



TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	5000
Working Voltage (at sea level, in V rms, 50 Hz)	≤3500
Corona Extinction Voltage (at 21000m, in V rms, 50 Hz)	≥350
Impedance	50Ω
Frequency Range	DC up to 300 MHz
Insulation Resistance	≥5000MΩ
Contact Resistance Inner conductor	≤2mΩ
Contact Resistance Outer conductor	≤1.5mΩ
Current Rating, continuous	≤10A

Mechanical Data	
Coupling Nut Torque	0.6 to 2.5 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.1 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 103, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B

VSWR

Frequency Range: DC~300MHz

VSWR: DC~100MHz ≤ 1.1

DC 100~300MHz ≤ 1.20

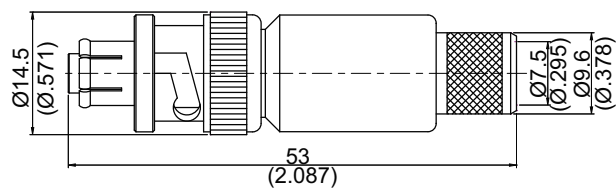


Figure 1

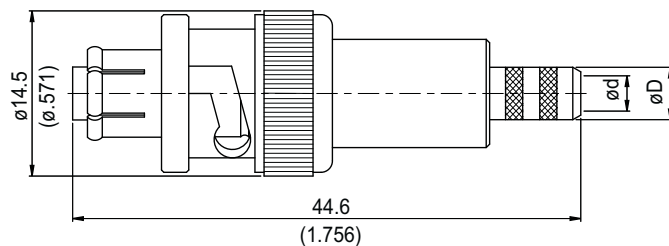


Figure 2

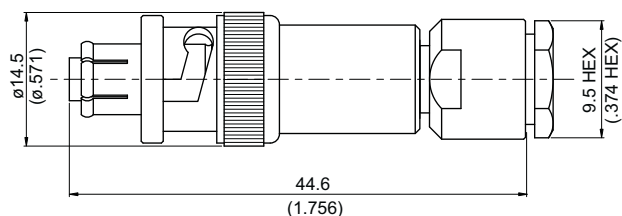


Figure 3

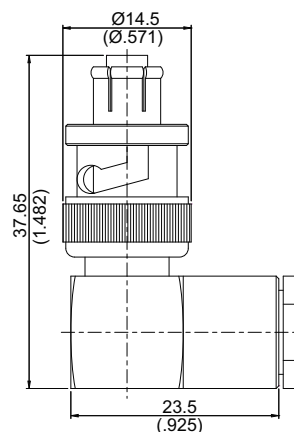


Figure 4

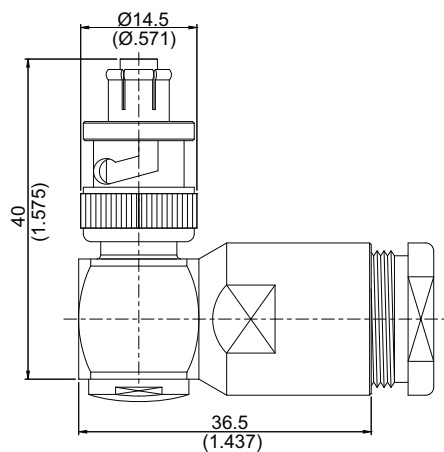


Figure 5

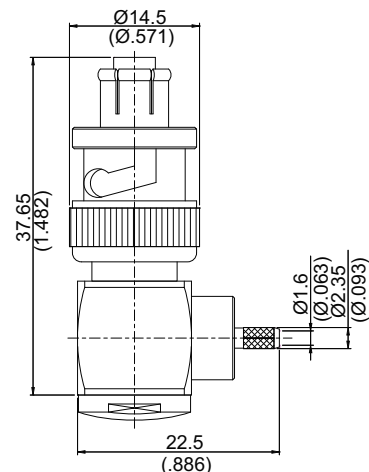


Figure 6

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
SHV PLUG CRIMP								
SHV3100-0011	1		11	C11	v*	v*	C7/C2	75 Ω
SHV3100-0058	2	ød=3.1(.122) øD=4.4(.173)	58	C11	v*	v*	B7/B3	
SHV3100-0059	2	ød=3.9(.154) øD=5.6(.220)	59	C11	v*	v*	E4/E1	75 Ω
SHV3100-0142	2	ød=3.1(.122) øD=4.4(.173)	142	C11	v*	v*	B7/B3	
SHV3100-0223	2	ød=3.1(.122) øD=4.4(.173)	223	C11	v*	v*	B8/B4	
SHV PLUG CLAMP								
SHV3200B-0058	3		58&142	C11	v*	v*	A14	
SHV3200B-0059	3		59	C11	v*	v*	A14	75 Ω
SHV PLUG CLAMP RIGHT ANGLE								
SHV3200-9058	4		58&142	C11	v			
SHV3200-9059	4		59	C11	v			75 Ω
SHV3200-9214	5		214	C11	v			
SHV PLUG CRIMP RIGHT ANGLE								
SHV3100-9316	6		316	C11	v		A17	

*Solder or Crimp Contact Pin Cable Group:See Page 1; Crimp Insert:See Page 372; Material & Plating: See Page 374

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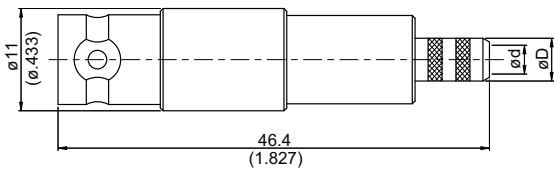


Figure 1

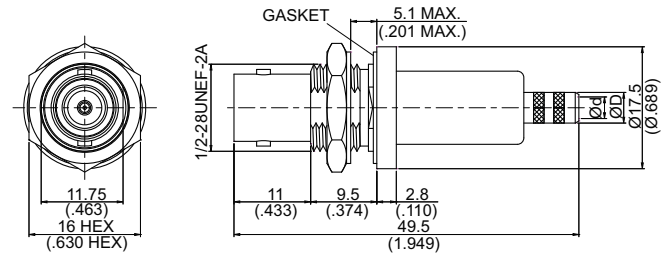


Figure 2

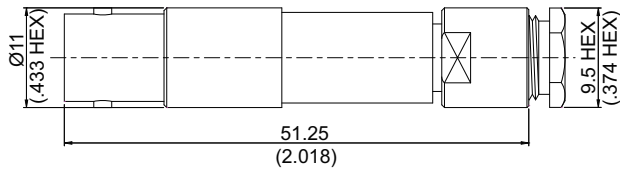


Figure 3

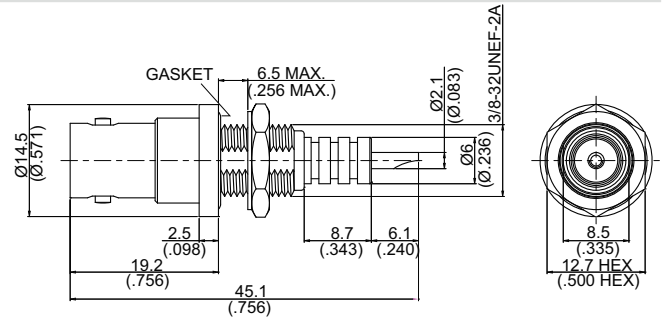


Figure 4

AHS

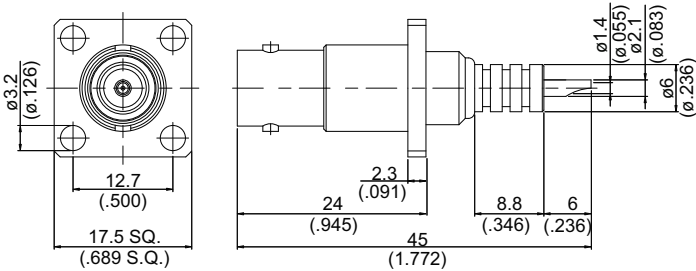
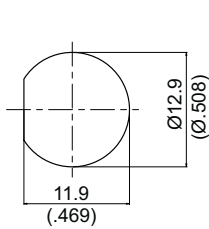
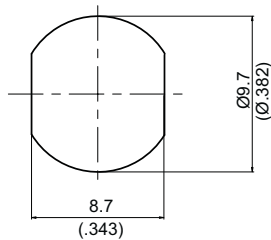


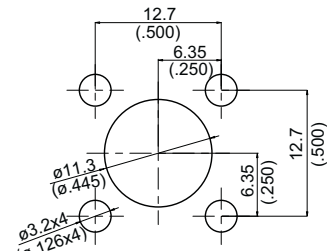
Figure 5



M.H 5



M.H 7D



M.H 23

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
SHV JACK CRIMP									
SHV8100-0058	1	ød=3.1 (.122) øD=4.4 (.173)		58	A2	v*	v*	B7/B3	75 Ω
SHV8100-0059	1	ød=3.9 (.154) øD=5.6 (.220)		59	A2	v*	v*	E4/E1	
SHV8100-0142	1	ød=3.1 (.122) øD=4.4 (.173)		142	A2	v*	v*	B7/B3	
SHV8100-0223	1	ød=3.1 (.122) øD=4.4 (.173)		223	A2	v*	v*	B8/B4	
SHV JACK CRIMP FOR BULKHEAD									
SHV8105-0058	2	ød=3.1 (.122) øD=4.4 (.173)	5	58	A2	v*	v*	B7/B3	With Gasket
SHV8105-0059	2	ød=3.9 (.154) øD=5.6 (.220)	5	59	A2	v*	v*	E4/E1	With Gasket;75 Ω
SHV8105-0142	2	ød=3.1 (.122) øD=4.4 (.173)	5	142	A2	v*	v*	B7/B3	With Gasket
SHV8105-0223	2	ød=3.1 (.122) øD=4.4 (.173)	5	223	A2	v*	v*	B8/B4	With Gasket
SHV JACK CLAMP									
SHV8200-0058	3			58	A2	v*	v*	A14	75 Ω
SHV8200-0059	3			59	A2	v*	v*	A14	
SHV JACK FOR BULKHEAD									
SHV8500-0000	4		7D		A2				With Gasket
SHV JACK FOR PANEL RECEPTACLE									
SHV864A-0000	5		23		A2				No Gasket

MHV SERIES

High Voltage Connectors

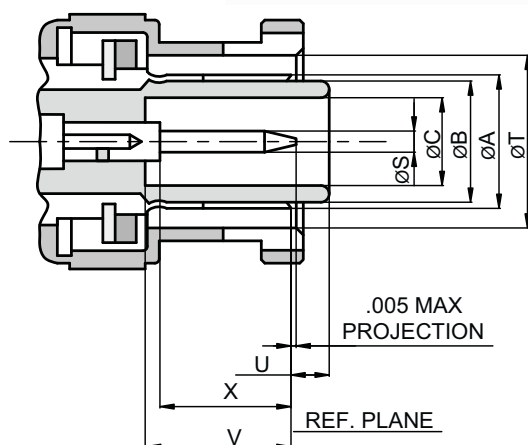
FEATURES

MHV series connectors are similar in design to BNC connectors, but have insulators with an elongated overlap. The insulators protrude over the outer contacts to give a certain degree of shock-protection when not mated.

MHV connectors are sometimes referred to as high voltage BNC, but are not intermatable with BNC connectors. MHV connectors are covered under MIL-C-39012.

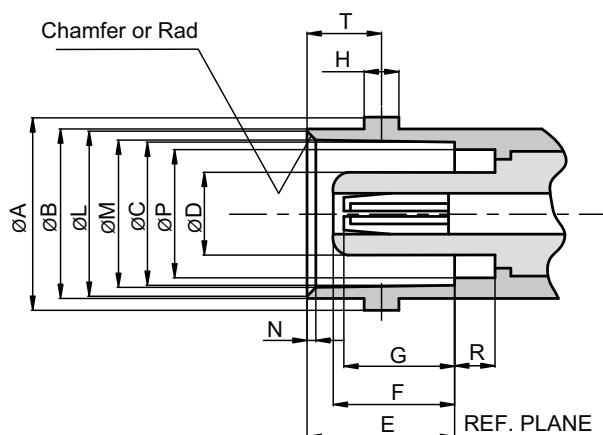
INTERFACE MATING DIMENSIONS

PLUG:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	Gauge Test	Gauge Test
B	7.06(.278)	7.16(.282)
C	4.83(.190)	4.93(.194)
S	1.32(.052)	1.37(.054)
T	9.78(.385)	9.91(.390)
U	—	2.18(.086)
V	7.67(.302)	—
X	7.62(.300)	—

JACK:



Letter	Millimeters (inch)	
	Minimum	Maximum
A	10.97(.432)	11.07(.436)
B	9.60(.378)	9.70(.382)
C	8.10(.319)	8.15(.321)
D	—	4.72(.186)
E	8.31(.327)	8.51(.335)
F	7.34(.289)	7.90(.311)
G	6.43(.253)	7.11(.280)
H	1.91(.075)	2.06(.081)
L	8.79(.346)	9.04(.356)
M	8.31(.327)	8.46(.333)
N	0.38(.015)	0.76(.030)
P	7.21(.284)	7.37(.290)
R	2.18(.086)	—
T	4.19(.165)	4.29(.169)

Note: Jyebao MHV connectors meet the interface requirements of MIL-STD-348A

TECHNICAL DATA

Electrical Data	
Dielectric Withstanding Voltage (at sea level, in V rms, 50 Hz)	5000
Working Voltage (at sea level, in V rms, 50 Hz)	≤1600
Corona Extinction Voltage (at 21000m, in V rms, 50 Hz)	≥300
Impedance	50Ω
Frequency Range	DC up to 300 MHz
Insulation Resistance	≥5000MΩ
Contact Resistance Inner conductor	≤2mΩ
Contact Resistance Outer conductor	≤1mΩ
Current Rating, continuous	≤10A

Mechanical Data	
Coupling Nut Torque	0.6 to 2.5 in.-lbs
Coupling Nut Retention Force	≥101.2 lbs
Contact Captivation	≥6.1 lbs
Durability (matings)	≥500

Environmental Data	
Temperature Range	-65°C...+165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101 Condition B

VSWR

Frequency Range: DC~300MHz

VSWR: DC~100MHz ≤ 1.1

DC 100~300MHz ≤ 1.20

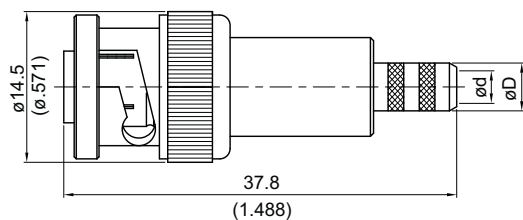


Figure 1

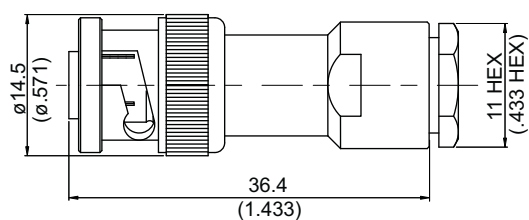


Figure 2

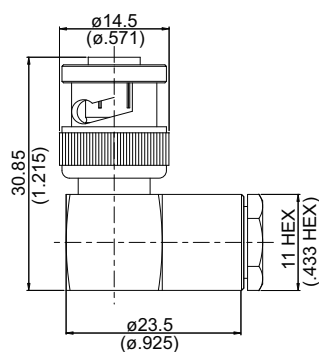


Figure 3

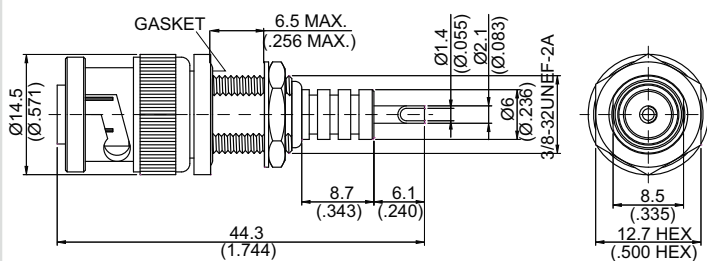


Figure 4

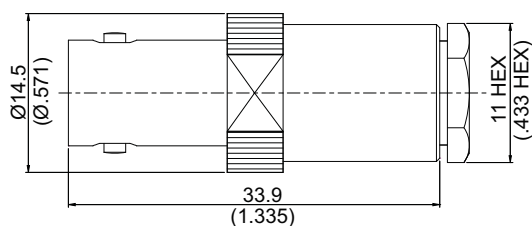
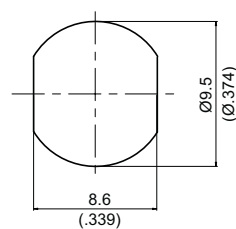


Figure 5



M.H 7C

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Crimp		
MHV PLUG CRIMP									
MHV3100-0058	1	ød=3.1(.122) øD=4.4(.173)		58	A11	v*	v*	B7/B3	75Ω
MHV3100-0059	1	ød=3.9(.154) øD=5.6(.220)		59	A11	v*	v*	E4/E1	
MHV3100-0142	1	ød=3.1(.122) øD=4.4(.173)		142	A11	v*	v*	B7/B3	
MHV3100-0223	1	ød=3.1(.122) øD=4.4(.173)		223	A11	v*	v*	B8/B4	
MHV PLUG CLAMP									
MHV3200B-0058	2			58&142	A11	v*	v*	A14	
MHV3200B-0059	2			59	A11	v*	v*	A14	75Ω
MHV PLUG CLAMP RIGHT ANGLE									
MHV3200-9058	3			58&142	A11	v			
MHV3200-9059	3			59	A11	v			75Ω
MHV PLUG FOR BULKHEAD									
MHV3500-0000	4		7C		A11	v			With Gasket
MHV JACK CLAMP									
MHV8200B-0058	5			58&142	C2	v*	v*	A14	
MHV8200B-0059	5			59	C2	v*	v*	A14	75Ω

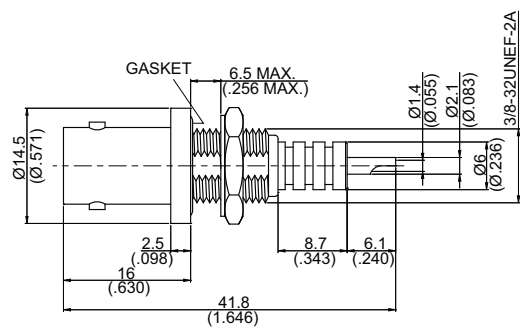


Figure 1

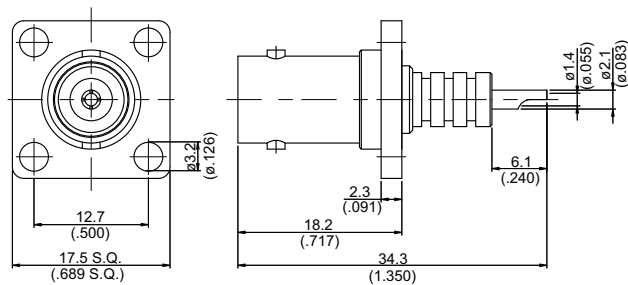


Figure 2

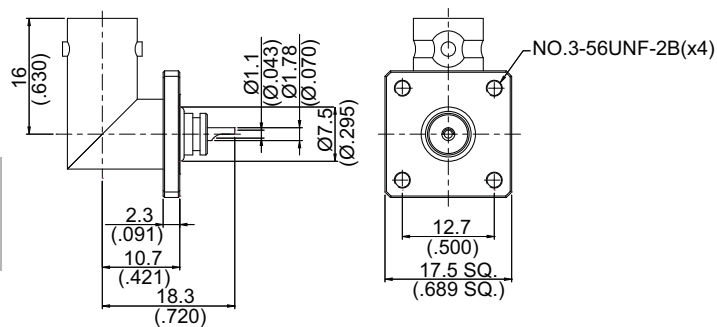
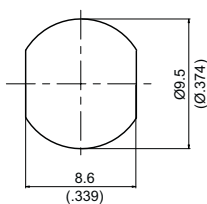
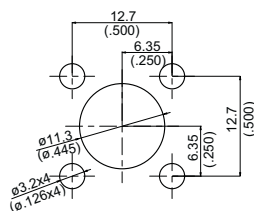


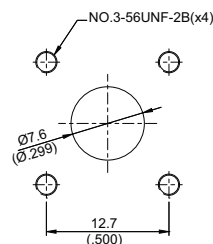
Figure 3



M.H 7C



M.H 23



M.H 144

PART NUMBER	Fig.	M.H	Material	Remarks
MHV JACK FOR BULKHEAD				
MHV8500-0000	1	7C	C2	With Gasket
MHV JACK FOR PANEL RECEPTACLE				
MHV864A-0000	2	23	C2	No Gasket
MHV JACK FOR PANEL RECEPTACLE RIGHT ANGLE				
MHV864A-9000	3	144	B1	

10KV SERIES

High Voltage Connectors

FEATURES

10KV connectors have special high voltage interfaces designed for high voltage applications that exceed the operating voltage of standard coaxial connectors. They are mostly used in medical electronics, military and nuclear applications.

TECHNICAL DATA

Electrical Data	
Working Voltage (at sea level, in V rms, 50Hz)	10KVDC
Test Voltage	15KVDC
Impedance	Non Constant
Insulation Resistance	1000000MΩ
Contact Resistance Inner Conductor	3mΩ
Contact Resistance Outer Conductor	2mΩ

Environmental Data	
Temperature Range	-55°C...+85°C
Corrosion	MIL-STD-202, Method 101, Condition B

10KV

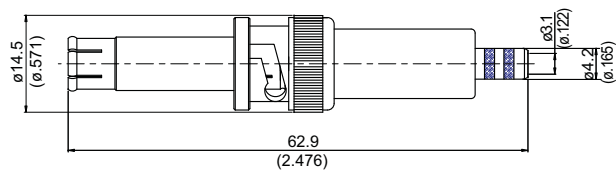


Figure 1

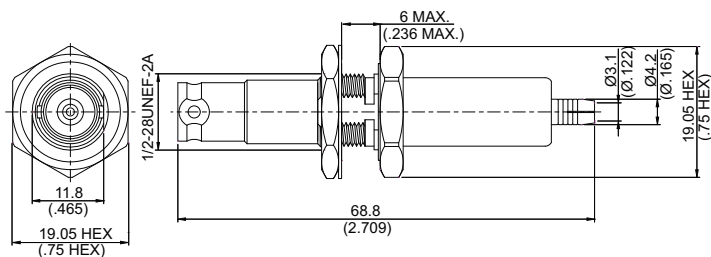


Figure 2

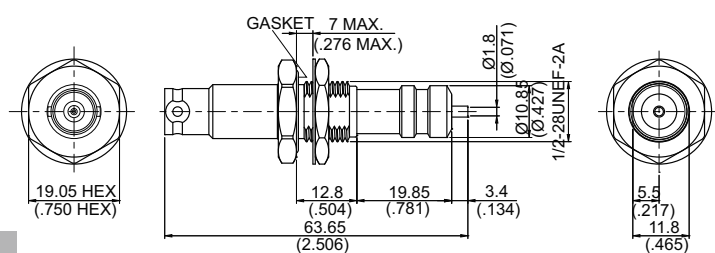


Figure 3

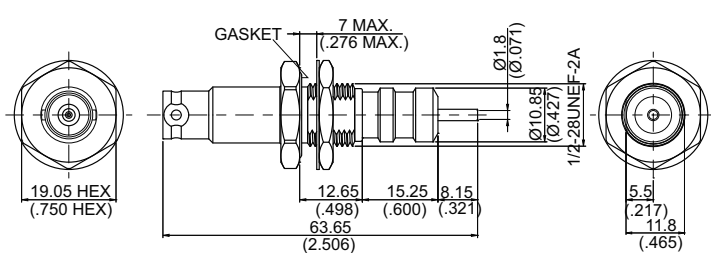
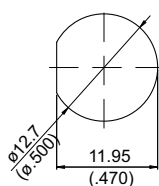


Figure 4



M.H 112

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry	Crimp	Remarks
					Solder	Crimp	Insert
10KV PLUG CRIMP							
10KV-3100-0058	1		58	B16	v		B7 Dielectric is High Density Polyethylene
10KV JACK CRIMP FOR BULKHEAD							
10KV-8105-0058	2	112	58	A17	v*	v*	B7/B5 Dielectric is High Density Polyethylene; With Gasket
10KV JACK FOR BULKHEAD							
10KV-8500-0000	3	112		A17			Dielectric is High Density Polyethylene; With Gasket
10KV-8501-0000	4	112		A17			Dielectric is High Density Polyethylene; With Gasket

20KV SERIES

High Voltage Connectors

FEATURES

20KV connectors have special high voltage interfaces designed for high voltage applications that exceed the operating voltage of standard coaxial connectors. They are mostly used in medical electronics, military and nuclear applications.

Electrical Data	
Working Voltage (at sea level, in V rms, 50Hz)	20KVDC
Test Voltage	30KVDC
Impedance	Non Constant
Insulation Resistance	1000000MΩ
Contact Resistance Inner Conductor	3mΩ
Contact Resistance Outer Conductor	2mΩ

Environmental Data	
Temperature Range	-55°C...+85°C
Corrosion	MIL-STD-202, Method 101, Condition B

20KV

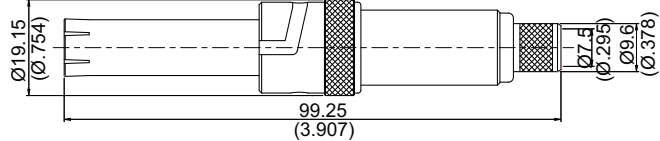


Figure 1

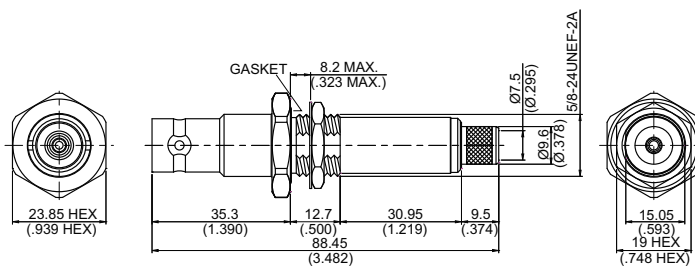


Figure 2

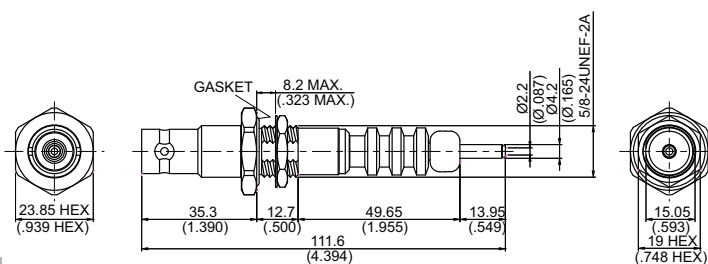


Figure 3

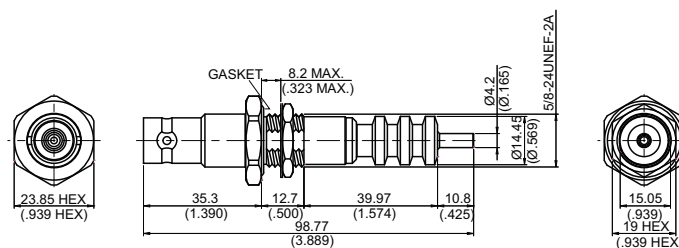
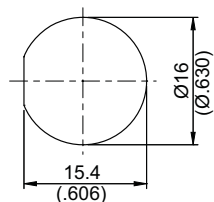


Figure 4



M.H 11A

PART NUMBER	Fig.	M.H	Cable Group	Material	Pin Entry	Crimp Insert	Remarks
					Solder	Crimp	
20KV PLUG CRIMP							
20KV-3100-0213	1		213	B16	v		Dielectric is High Density Polyethylene
20KV-3100-0214	1		214	B16	v		Dielectric is High Density Polyethylene
20KV JACK CRIMP FOR BULKHEAD							
20KV-8105-0213	2	11A	213	A17	v*	v*	Dielectric is High Density Polyethylene; With Gasket
20KV JACK FOR BULKHEAD							
20KV-8500-0000	3	11A		A17			Dielectric is High Density Polyethylene; With Gasket
20KV-8501-0000	4	11A		A17			Dielectric is High Density Polyethylene; With Gasket

TERMINAL SERIES

FEATURES

Terminals are used to connect coaxial cable with PCB and/or housing. They improve the contact quality between the cable and PCB/housing and thus enhance the strength and performance of the assembly.

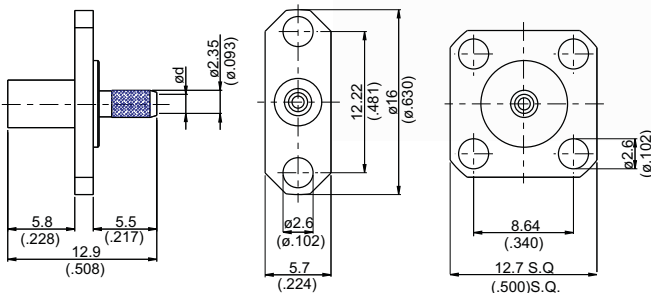


Fig 1-1: 2-hole flange

Fig 1-2: square flange

Figure 1

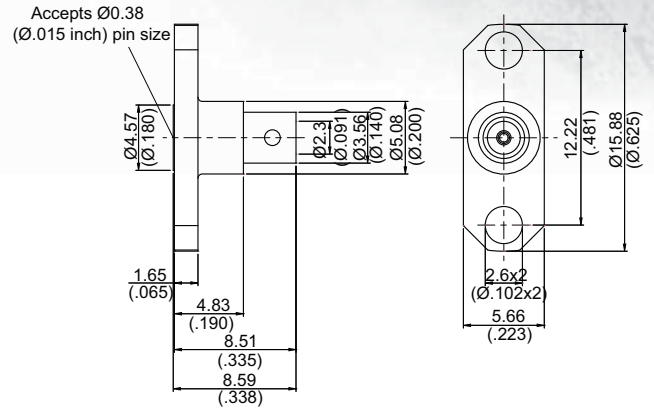


Figure 2

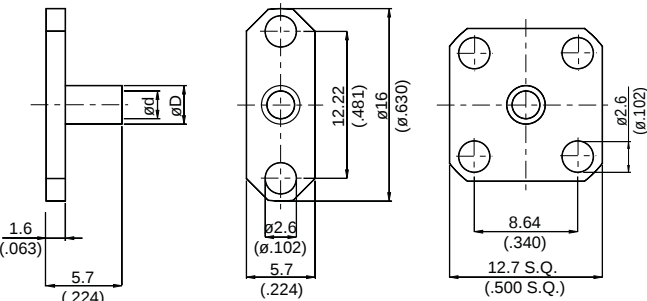


Fig 3-1: 2-hole flange

Fig 3-2: square flange

Figure 3

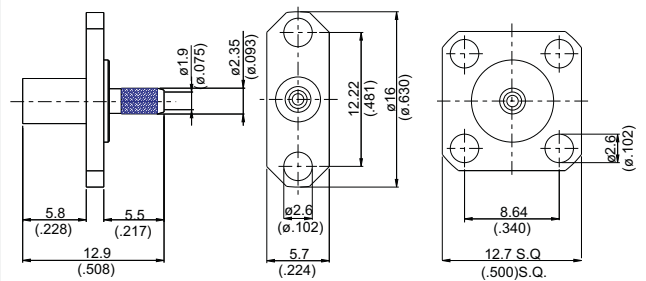


Fig 4-1: 2-hole flange

Fig 4-2: square flange

Figure 4

PART NUMBER	Fig.	Measurements	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
					Solder	Crimp		
TERMINAL CRIMP FOR PANEL RECEPTACLE								
SMA0126-0316	1-1	ød=1.6 (.063)	316	A1	v*	v*	A17/A7	
SMA0126D-0316	1-1	ød=1.6 (.063)	316D	A1	v*	v*	A17/A7	
SMA0126-L100	1-1	ød=1.7 (.067)	100	A1	v*	v*	A17/A7	
SMA0146-0316	1-2	ød=1.6 (.063)	316	A1	v*	v*	A17/A7	
SMA0146D-0316	1-2	ød=1.6 (.063)	316D	A1	v*	v*	A17/A7	
SMA0146-L100	1-2	ød=1.7 (.067)	100	A1	v*	v*	A17/A7	
TERMINAL SOLDER FOR PANEL RECEPTACLE								
TER0F26A-0015	2		.085	B14	v			Terminal With Field Replaceable Contact
SMA0326-0034	3-1	ød=1.0 (.039) øD=2.0 (.079)	.034	1				No Pin
SMA0326-0047	3-1	ød=1.3 (.051) øD=2.2 (.087)	.047	1				No Pin
SMA0326-0085	3-1	ød=2.3 (.091) øD=3.2 (.126)	.085	1				No Pin
SMA0326-0141	3-1	ød=3.65 (.144) øD=4.8 (.189)	.141	1				No Pin
SMA0346-0034	3-2	ød=1.0 (.039) øD=2.0 (.079)	.034	1				No Pin
SMA0346-0047	3-2	ød=1.3 (.051) øD=2.15 (.085)	.047	1				No Pin
SMA0346-0085	3-2	ød=2.3 (.091) øD=3.2 (.126)	.085	1				No Pin
SMA0346-0141	3-2	ød=3.65 (.144) øD=4.8 (.189)	.141	1				No Pin
SMA0326-0178	4-1		.178	A1	v*	v*	A13	
SMA0346-0178	4-2		.178	A1	v*	v*	A13	

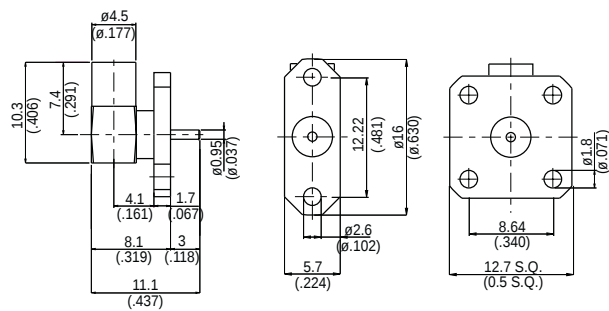


Figure 1

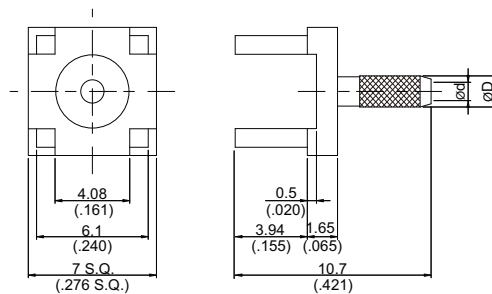


Figure 2

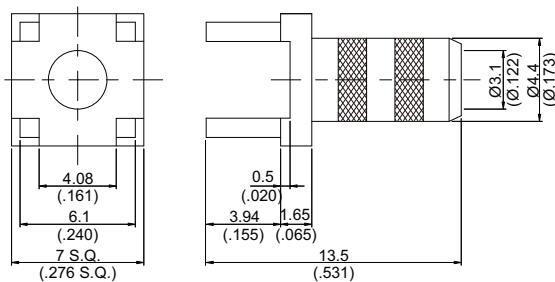


Figure 3

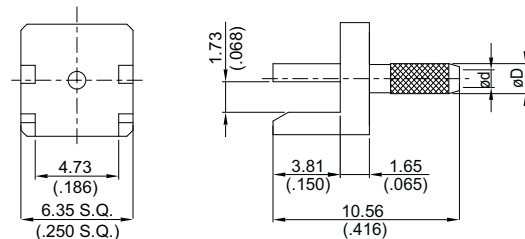


Figure 4

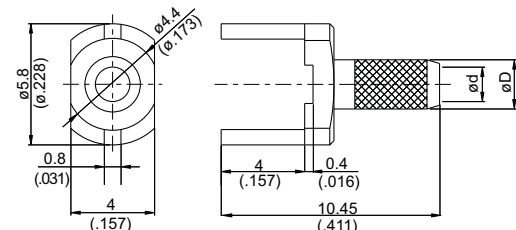


Figure 5

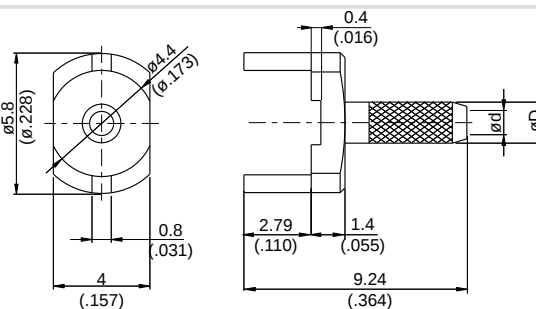
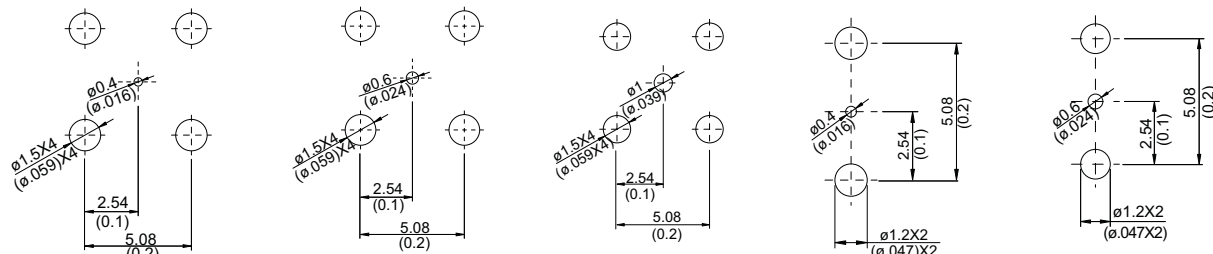


Figure 6



M.H 77

M.H 78

M.H 47

M.H 85

M.H 86

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry			Crimp Insert	Remarks
						Solder	Crimp	Plug Pin		
TERMINAL SOLDER RIGHT ANGLE FOR PANEL RECEPTACLE										
SMA0326-9141	1-1			.141	A1			v		
SMA0346-9141	1-2			.141	A1			v		
TERMINAL CRIMP FOR P.C.B MOUNT										
SMA0400-0178	2	ød=1.0 (.039) øD=1.8 (.071)	77	178	1				A10	No Pin
SMA0400-0316	2	ød=1.6 (.063) øD=2.35 (.093)	78	316	1				A17	No Pin
SMA0400D-0316	2	ød=1.6 (.063) øD=2.35 (.093)	78	316D	1				A17	No Pin
SMA0400-L100	2	ød=1.7 (.067) øD=2.35 (.093)	78	100	1				A17	No Pin
SMA0400-0058	3		47	58	1				B7	No Pin
SMA0400-0142	3		47	142	1				B7	No Pin
SMA0400-0223	3		47	223	1				B8	No Pin
SMA0401-0178	4	ød=1.00 (.039) øD=1.8 (.071)		178	1				A10	No Pin
SMA0401-0316	4	ød=1.6 (.063) øD=2.35 (.093)		316	1				A17	No Pin
SMA0401D-0316	4	ød=1.6 (.063) øD=2.35 (.093)		316D	1				A17	No Pin
SMA0401-L100	4	ød=1.7 (.067) øD=2.35 (.093)		100	1				A17	No Pin
MCX0420-0178	5	ød=1.00 (.039) øD=1.85 (.073)	85	178	1				A10	No Pin
MCX0420-0316	5	ød=1.6 (.063) øD=2.35 (.093)	86	316	1				A17	No Pin
MCX0420D-0316	5	ød=1.6 (.063) øD=2.35 (.093)	86	316D	1				A17	No Pin
MCX0420-L100	5	ød=1.7 (.067) øD=2.35 (.093)	86	100	1				A17	No Pin
MCX0420A-0178	6	ød=1.00 (.039) øD=1.80 (.071)	85	178	1				A10	No Pin
MCX0420A-0316	6	ød=1.6 (.063) øD=2.35 (.093)	86	316	1				A17	No Pin
MCX0420AD-0316	6	ød=1.6 (.063) øD=2.35 (.093)	86	316D	1				A17	No Pin
MCX0420A-L100	6	ød=1.7 (.067) øD=2.35 (.093)	86	100	1				A17	No Pin

Cable Group: See Page 1; Crimp Insert: See Page 372; Material & Plating: See Page 374

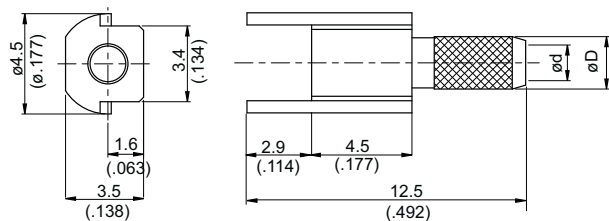


Figure 1

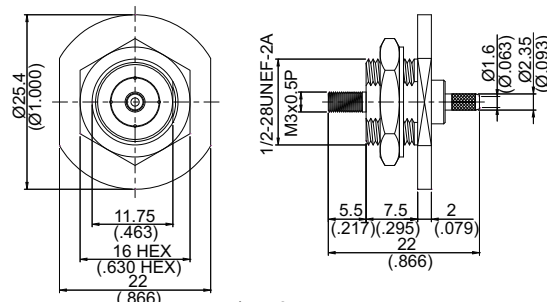


Figure 2

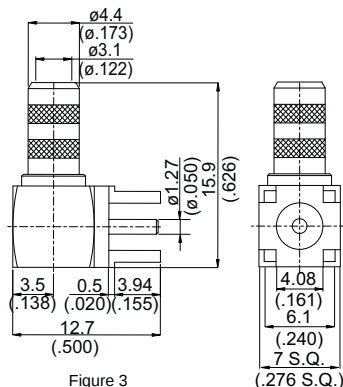


Figure 3

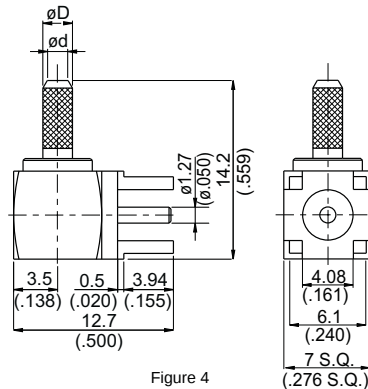


Figure 4

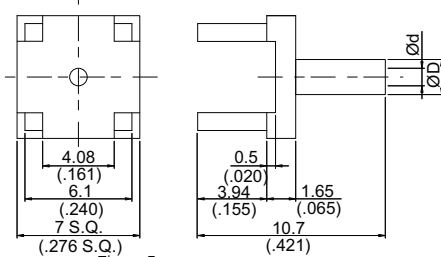


Figure 5

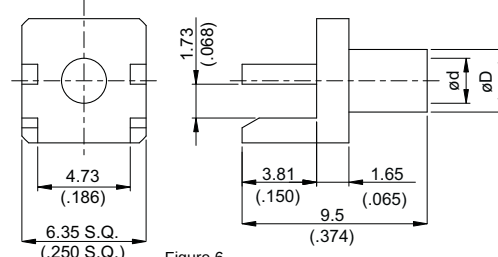
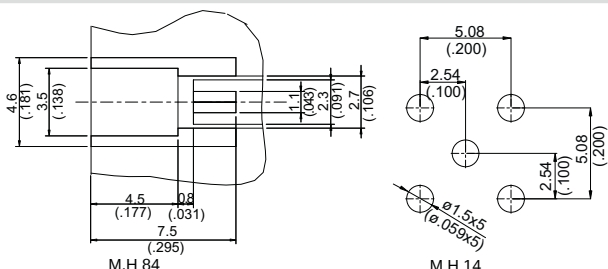
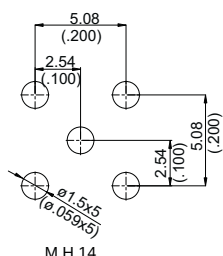


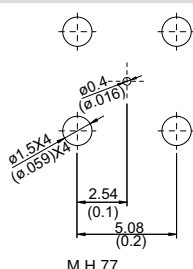
Figure 6



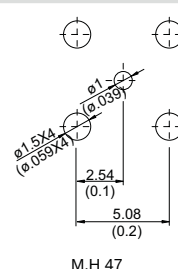
M.H 84



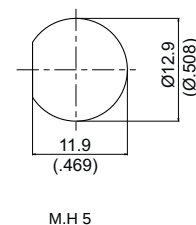
M.H 14



M.H 77



M.H 47



M.H 5

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Crimp Insert	Remarks
						Solder	Plug in		
TERMINAL CRIMP FOR P.C.B CUT EDGE MOUNT									
MCX0400A-0178	1	ød=1.0 (.039) øD=1.8 (.071)	84	178	1			A10	No Pin
MCX0400A-0316	1	ød=1.6 (.063) øD=2.35 (.093)	84	316	1			A17	No Pin
MCX0400AD-0316	1	ød=1.6 (.063) øD=2.35 (.093)	84	316D	1			A17	No Pin
MCX0400A-L100	1	ød=1.7 (.067) øD=2.35 (.093)	84	100	1			A17	No Pin
TERMINAL CRIMP FOR BULKHEAD									
TER0500-0316	2		5	316	1		v	A17	
TERMINAL CRIMP RIGHT ANGLE FOR P.C.B MOUNT									
SMA0400-9058	3		14	58	A1	v		B7	
SMA0400-9142	3		14	142	A1	v		B7	
SMA0400-9223	3		14	223	A1	v		B8	
SMA0400-9178	4	ød=1.0 (.039) øD=1.8 (.071)	14	178	A1	v		A10	
SMA0400-9316	4	ød=1.6(.063) øD=2.35 (.093)	14	316	A1	v		A17	
SMA0400D-9316	4	ød=1.6(.063) øD=2.35 (.093)	14	316D	A1	v		A17	
SMA0400-9L100	4	ød=1.7 (.067) øD=2.35 (.093)	14	100	A1	v		A17	
TERMINAL SOLDER FOR P.C.B MOUNT									
SMA0400-0034	5	ød=1.0 (.039) øD=2.0 (.079)	77	.034	1				No Pin
SMA0400-0047	5	ød=1.3 (.051) øD=2.2 (.087)	77	.047	1				No Pin
SMA0400-0085	5	ød=2.35 (.093) øD=3.2 (.126)	47	.085	1				No Pin
SMA0400-0141	5	ød=3.65 (.144) øD=4.8 (.189)	47	.141	1				No Pin
SMA0401-0034	6	ød=1.0 (.039) øD=2.0 (.079)		.034	1				No Pin
SMA0401-0047	6	ød=1.3 (.051) øD=2.2 (.087)		.047	1				No Pin
SMA0401-0085	6	ød=2.3 (.091) øD=3.5 (.138)		.085	1				No Pin
SMA0401-0141	6	ød=3.65 (.144) øD=4.8 (.189)		.141	1				No Pin

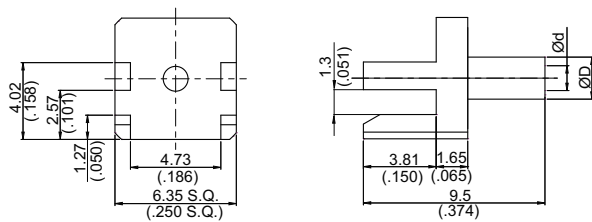


Figure 1

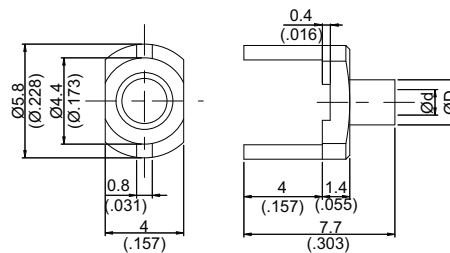


Figure 2

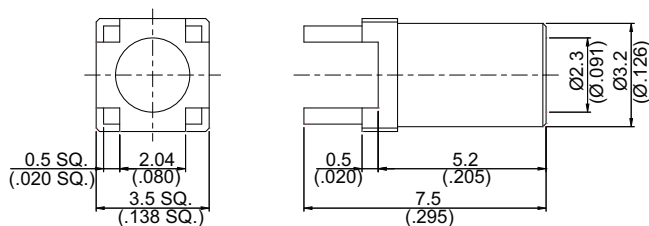


Figure 3

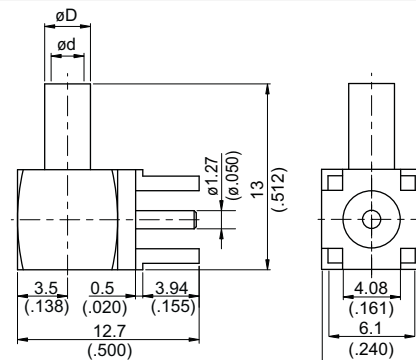
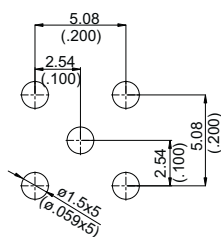
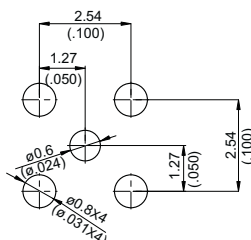


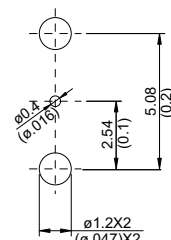
Figure 4



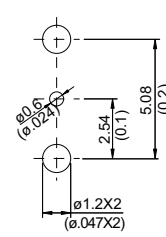
M.H 14



M.H 17A



M.H 85

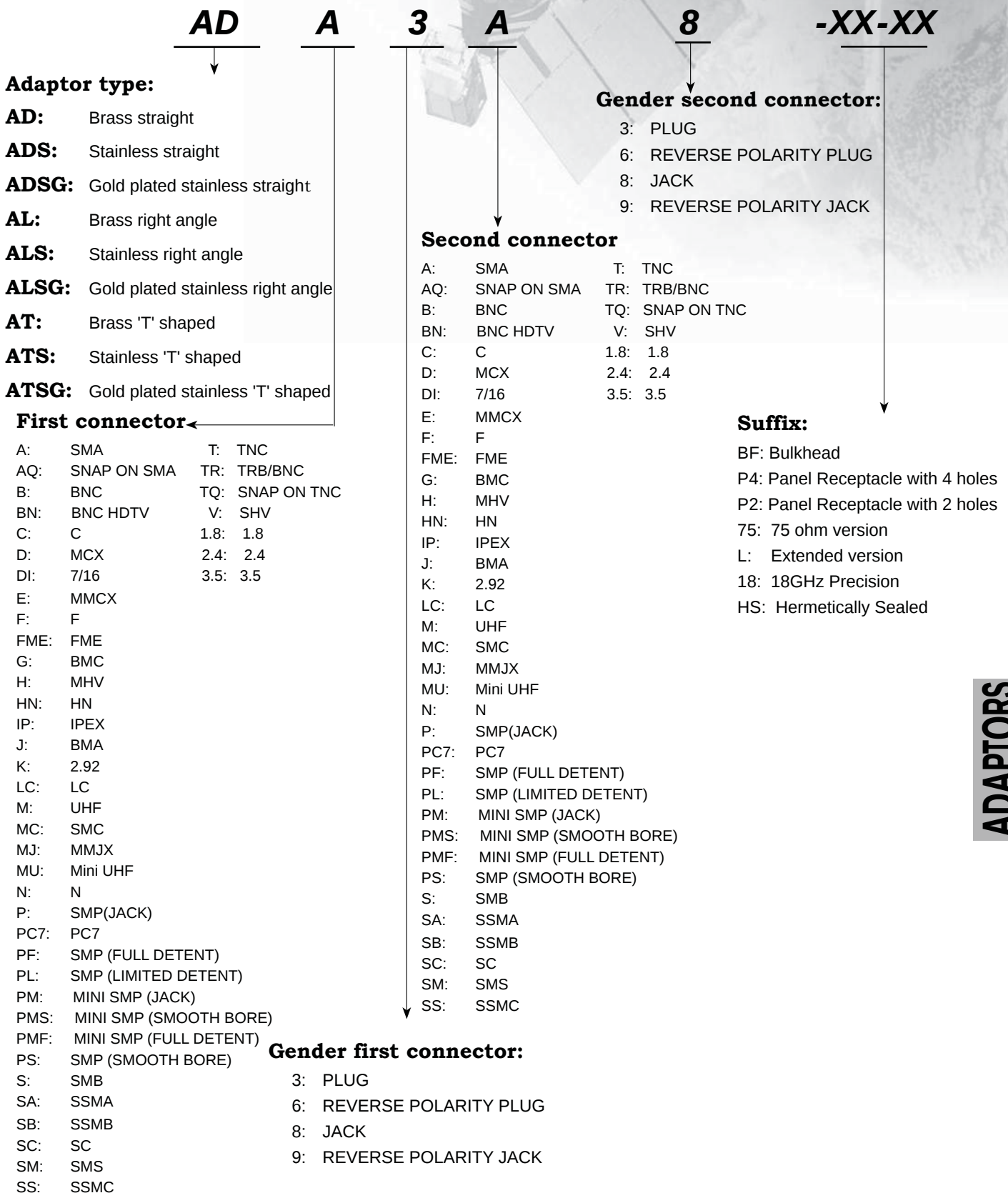


M.H 86

PART NUMBER	Fig.	Measurements	M.H	Cable Group	Material	Pin Entry		Remarks
						Solder	Crimp	
TERMINAL SOLDER FOR P.C.B MOUNT								
SMA0402-0034	1	ød=1.0(.039) øD=2.0(.079)		.034	1			No Pin
SMA0402-0047	1	ød=1.3(.051) øD=2.2(.087)		.047	1			No Pin
SMA0402-0085	1	ød=2.3(.091) øD=3.5(.137)		.085	1			No Pin
SMA0402-0141	1	ød=3.65(.144) øD=4.8(.189)		.141	1			No Pin
MCX0420-0047	2	ød=1.3(.051) øD=2.3(.091)	85	.047	1			No Pin
MCX0420-0085	2	ød=2.3(.091) øD=3.2(.126)	86	.085	1			No Pin
SMA0403-0085	3		17A	.085	1			No Pin
TERMINAL SOLDER FOR P.C.B MOUNT RIGHT ANGLE								
SMA0400-9035	4	ød=1.0 (.039) øD=2.0 (.079)	14	.034	A1	v		
SMA0400-9047	4	ød=1.3 (.051) øD=2.2 (.087)	14	.047	A1	v		
SMA0400-9085	4	ød=2.3 (.091) øD=3.5 (.138)	14	.085	A1	v		
SMA0400-9141	4	ød=3.65 (.144) øD=4.8 (.189)	14	.141	A1	v		

ADAPTOR SERIES

RF ADAPTORS PART NUMBERING SYSTEM



Note: in case of a 'T' adaptor there is also a third connector in the part number.

For example: AT-A8A8A8 is an SMA Jack to SMA Jack to SMA Jack.

WITHIN SERIES ADAPTOR LIST

Series	Part Number	Page
1.85mm IN SERIES		
PLUG TO PLUG	ADS-1.85/3-1.85/3	231
PLUG TO JACK	ADS-1.85/3-1.85/8	231
JACK TO JACK	ADS-1.85/8-1.85/8	231
2.4mm IN SERIES		
PLUG TO PLUG	ADS-2.4/3-2.4/3	223
PLUG TO JACK	ADS-2.4/3-2.4/8	223
JACK TO JACK	ADS-2.4/8-2.4/8	223
3.5 IN SERIES		
PLUG TO PLUG	AD-PC3PC3	238
PLUG TO JACK	AD-PC3PC8	238
JACK TO JACK	AD-PC8PC8	238
7/16 IN SERIES		
PLUG TO PLUG	AD-DI3DI3	236
PLUG TO JACK	AD-DI3DI8	236
PLUG TO JACK(90°)	AL-DI3DI8	236
JACK TO JACK	AD-DI8DI8	236
JACK TO JACK(P)	AD-DI8DI8-P4	237
BMA IN SERIES		
PLUG TO PLUG	ADS-J3J3	226
PLUG TO JACK	ADS-J3J8	226
JACK TO JACK	ADS-J8J8	226
BNC IN SERIES		
PLUG TO PLUG	AD-B3B3A	229
	AD-B3B3A-75	229
JACK TO JACK	AD-B8B8	229
	AD-B8B8-75	229
JACK TO JACK(B)	AD-B8B8-BF	230
	AD-B8B8-BF-75	230
	AD-B8B8-BF/HS/NI	230
	AD-B8B8-BF1	230
	AD-B8B8-BF/W	230
JACK TO JACK(P)	AD-B8B8-P4	230
	AD-B8B8-P4-75	230
PLUG TO JACK	AD-B3B8A	230
	AD-B3B8A-75	230
PLUG(R) TO JACK	AD-B6B8	230
PLUG TO JACK(90°)	AL-B3B8	230
PLUG TO PLUG TO PLUG(T)	AT-B3B3B3	240
PLUG TO JACK TO PLUG(T)	AT-B3B8B3	241
JACK TO PLUG TO JACK(T)	AT-B8B3B8	241
	AT-B8B3B8-75	241
JACK TO JACK TO JACK(T)	AT-B8B8B8	241
	AT-B8B8B8-75	241
C IN SERIES		
JACK TO JACK	AD-C8C8	239
JACK TO JACK(B)	AD-C8C8-BF	239
F IN SERIES		
PLUG TO PLUG	AD-F3F3	240
PLUG TO JACK	AD-F3F8	240
PLUG TO JACK(90°)	AL-F3F8	240
JACK TO JACK	AD-F8F8	240
FME IN SERIES		
PLUG TO PLUG	AD-FME3FME3	237
PLUG TO JACK	AD-FME3FME8	237
JACK TO JACK	AD-FME8FME8	237
HDTV BNC SERIES		
PLUG TO PLUG	AD-BH3BH3-75	229
JACK TO JACK	AD-BH8BH8-75	229
HN IN SERIES		
PLUG TO PLUG	AD-HN3HN3	237
PLUG TO JACK	AD-HN3HN8	237
JACK TO JACK	AD-HN8HN8	237

Series	Part Number	Page
K IN SERIES		
PLUG TO PLUG	ADS-K3K3	231
PLUG TO JACK	ADS-K3K8	231
JACK TO JACK	ADS-K8K8	231
JACK TO JACK(B)	ADS-K8K8-BF	231
LC IN SERIES		
PLUG TO PLUG	AD-LC3LC3	237
MCX IN SERIES		
PLUG TO PLUG	AD-D3D3	235
	AD-D3D3-75	235
PLUG TO PLUG(B)	AD-D3D3-BF	235
PLUG TO JACK	AD-D3D8	235
	AD-D3D8-75	235
JACK TO JACK	AD-D8D8	236
	AD-D8D8-75	236
MMCX IN SERIES		
PLUG TO PLUG	AD-E3E3	236
PLUG TO JACK	AD-E3E8	236
JACK TO JACK	AD-E8E8	236
MMJX SERIES		
JACK TO JACK	AD-MJ3MJ3	236
	AD-MJ3MJ3-18	236
MHV IN SERIES		
PLUG TO PLUG	AD-H3H3	238
JACK TO JACK	AD-H8H8	238
N IN SERIES		
PLUG TO PLUG	AD-N3N3	227
	ADS-N3N3	226
	ADS-N3AN3A	226
	AD-N3N3-75	226
	ADS-N3N3-75	226
	AD-N3N3-18	227
	ADS-N3N3-18A	227
	AD-N3N3-26	227
PLUG TO PLUG (R)	AD-N3N6	226
PLUG TO PLUG(90°)	AL-N3N3	227
	ALS-N3N3	227
PLUG TO PLUG(P)	AD-N3N3-P4	227
JACK TO JACK	ADS-N8N8	227
	ADS-N8N8-75	227
	AD-N8N8	227
	AD-N8N8-18	227
	ADS-N8N8-18A	227
	AD-N8N8-26	227
	AD-N8N8-75	227
JACK TO JACK (R)	AD-N8N9	227
JACK TO JACK(B)	AD-N8N8-BF	228
	AD-N8N8-BF/HS/EPDM	228
	AD-N8N8-BF-75	228
	AD-N8N8-BF-18	228
	ADS-N8N8-BF-18	228
JACK(R) TO JACK(R)(B)	AD-N9N9-BF	228
JACK TO JACK(P)	AD-N8N8-P4	228
	ADS-N8N8-P4	228
	AD-N8N8-P4-18	228
JACK TO JACK(90°)	ALS-N8N8	228
PLUG TO JACK	ADS-N3N8	228
	AD-N3N8	228
	AD-N3N8/HS	228
	AD-N3(M16)N8	228
	AD-N3N8-75	228
	AD-N3N8-18	229
	ADS-N3N8-18	229
	AD-N3(M16)N8-18	229
	AD-N3N8(M16)-18	229
	AD-N3N8-26	229
PLUG TO JACK(R)	AD-N3N9T	228

Series	Part Number	Page
PLUG(R) TO JACK	AD-N6N8	228
PLUG TO JACK(90°)	ALS-N3N8	229
	AL-N3N8	229
	AL-N3N8-75	229
PLUG TO PLUG TO PLUG(T)	AT-N3N3N3	241
PLUG TO JACK TO PLUG (T)	AT-N3N8N3	241
JACK TO PLUG TO JACK(T)	AT-N8N3N8	241
JACK TO JACK TO JACK(T)	AT-N8N8N8	241
	AT-N8N8N8-75	241
SC IN SERIES		
PLUG TO PLUG	ADS-SC3SC3	239
JACK TO JACK	ADS-SC8SC8	239
JACK TO JACK(B)	ADS-SC8SC8-BF	239
SHV IN SERIES		
PLUG TO PLUG	AD-V3V3	239
JACK TO JACK	AD-V8V8	239
PLUG TO JACK(90°)	AL-V3V8	239
JACK TO PLUG TO JACK(T)	AT-V8V3V8	242
JACK TO JACK TO PLUG(T)	AT-V8V8V3	242
SMA IN SERIES		
PLUG TO PLUG	ADS-A3A3	223
	AD-A3A3	223
	ADSG-A3A3	223
PLUG TO PLUG(B)	AD-A3A3-BF-18	223
	ADS-A3A3-BF-18	223
PLUG TO PLUG(90°)	AL-A3A3	223
	ALSG-A3A3	223
PLUG(R) TO PLUG(R)	AD-A6A6	223
PLUG TO PLUG(R)	AD-A3A6	223
PLUG(R) TO JACK	AD-A6A8	225
PLUG(R) TO JACK(R)	AD-A6A9	225
PLUG(R) TO JACK(R) (90°)	AL-A6A9	226
PLUG TO JACK(R)	AD-A3A9	225
PLUG TO JACK(90°)	AL-A3A8	226
	ALS-A3A8	226
	ALSG-A3A8	226
PLUG TO JACK	AD-A3A8	225
	ADS-A3A8	225
	AD-AR3A8	225
	ADSG-A3A8	225
	AD-A3A8-L	225
PLUG TO JACK (B)	AD-A3A8-BF	225
PLUG TO JACK (P)	AD-A3A8-P4	226
JACK (R) TO JACK	AD-A9A8	224
JACK (R) TO JACK(R)	AD-A9A9	224
JACK TO JACK	ADS-A8A8	224
	ADSG-A8A8	224
	AD-A8A8	224
	AD-A8A8-A1	223
JACK TO JACK(B)	AD-A8A8-BF	224
	ADS-A8A8-BF	224
	ADS-A8A8-BF-18	224
	AD-A8A8-BF-18/W	224
	AD-A8A8-BF-G	224
	AD-A8A8-BF-G/HS	224
	ADS-A8A8-BF-G	224
	AD-A8A8-BF1/HS/EPDM	224
JACK TO JACK(P)	AD-A8A8-P4	225
	AD-A8A8-P4L	225
JACK TO JACK(90°)	AL-A8A8	225
PLUG TO PLUG TO PLUG(T)	AT-A3A3A3	240
PLUG TO JACK TO PLUG (T)	AT-A3A8A3	240
JACK TO PLUG TO JACK(T)	ATSG-A8A3A8	240
	AT-A8A3A8	240
JACK TO JACK TO JACK(T)	AT-A8A8A8	240
SMB IN SERIES		
PLUG TO PLUG	AD-S3S3	234
	AD-S3S3-75-M	234
	AD-S3S3-75-S	234
PLUG TO JACK	AD-S3S8	234
PLUG TO JACK(90°)	AL-S3S8	235
JACK TO JACK	AD-S8S8	234

Note: (90°)= RIGHT ANGLE; (B)= BULKHEAD; (P)= PANEL RECEPTACLE; (R)= REVERSE POLARITY; (T)= T ADAPTOR.
For example: PLUG(R) TO JACK(B) Means Reverse Polarity Plug To Jack For Bulkhead.

WITHIN SERIES ADAPTOR LIST

Series	Part Number	Page
	AD-S8S8-75-M	234
	AD-S8S8-75-S	234
JACK TO JACK(B)	AD-S8S8-BF	234
	AD-S8S8-SF1	234
JACK TO PLUG TO JACK(T)	AT-S8S3S8	242
JACK TO JACK TO JACK(T)	AT-S8S8S8	242
SMC IN SERIES		
PLUG TO PLUG	AD-MC3MC3	238
JACK TO JACK	AD-MC8MC8	238
JACK TO JACK(B)	AD-MC8MC8-BF	238
PLUG TO JACK(90°)	AL-MC3MC8	238
PLUG TO JACK TO PLUG(T)	AT-MC3MC8MC3	241
SMP IN SERIES		
JACK TO JACK	AD-P8P8-5.69	232
	AD-P8P8-6.45	232
SMPM SERIES (Mini SMP)		
JACK TO JACK	AD-PM8PM8-412	232
	AD-PM8PM8-327	232
SMS IN SERIES		
JACK TO JACK(B)	AD-SM8SM8-BF	235
SSMB IN SERIES		
PLUG TO PLUG	AD-SB3SB3	235
PLUG TO JACK	AD-SB3SB8	235
JACK TO JACK	AD-SB8SB8	235
TNC IN SERIES		
PLUG TO PLUG	AD-T3T3A	232
	AD-T3T3A-75	232
	ADS-T3T3-18A	232
PLUG TO PLUG(R)	AD-T3T6	232
PLUG TO PLUG(90°)	ALS-T3T3	232
PLUG(R) TO JACK	AD-T6T8A	232
PLUG TO JACK(R)	AD-T3T9	232
PLUG TO JACK	AD-T3T8A	232
	AD-T3T8A-75	232
	AD-T3T8-18	232
PLUG TO JACK(90°)	AL-T3T8	232
	ALS-T3T8A	233
	AL-T3T8-75	232
JACK TO JACK	AD-T8T8	233
	AD-T8T8-75	233
	AD-T8T8-18	233
JACK(R) TO JACK	AD-T9T8	233
JACK TO JACK(90°)	ALS-T8T8	233
JACK TO JACK(P)	AD-T8T8-P4	234
	AD-T8T8-P4-75	234
JACK TO JACK(B)	AD-T8T8-BF	233
	AD-T8T8-BF-75	233
	AD-T8T8-BF-18	233
	AD-T8T8-BF-18/HS	233
JACK TO PLUG TO JACK(T)	AT-T8T3T8	242
	AT-T8T3T8-75	242
JACK TO JACK TO JACK(T)	AT-T8T8T8	242
	AT-T8T8T8-75	242
UHF IN SERIES		
PLUG TO PLUG	AD-M3M3	237
JACK TO JACK	AD-M8M8	238

Note: (90°)= RIGHT ANGLE; (B)= BULKHEAD; (P)= PANEL RECEPTACLE; (R)= REVERSE POLARITY; (T)= T ADAPTOR.
For example: PLUG(R) TO JACK(B) Means Reverse Polarity Plug To Jack For Bulkhead.

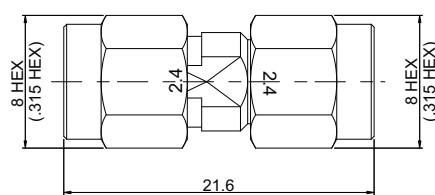


Figure 1.

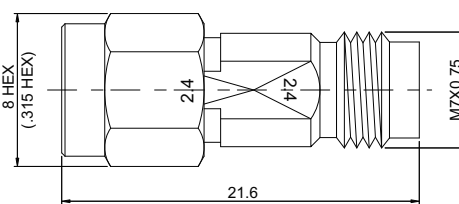


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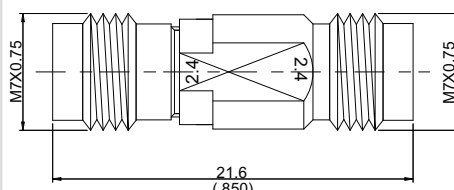


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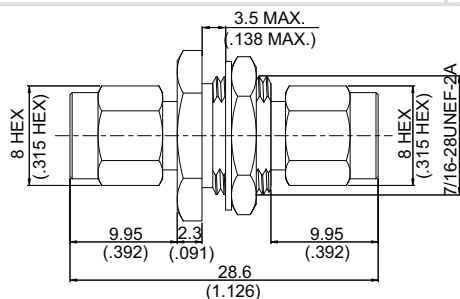


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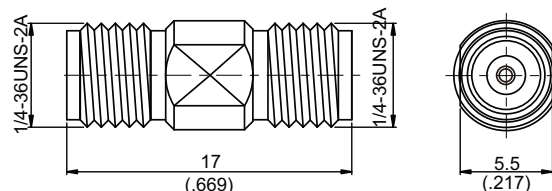
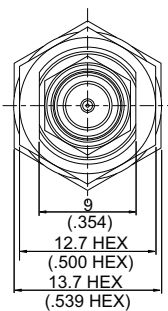


Figure 5.

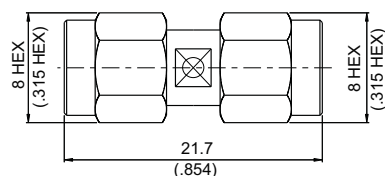


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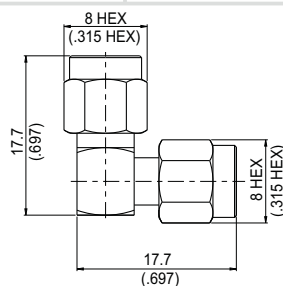
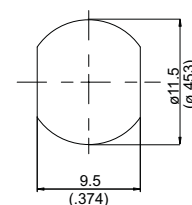


Figure 7.



M.H.116

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR									
2.4 PLUG TO 2.4 PLUG														
ADS-2.4/3-2.4/3	1		B6-B6	Stainless	1~3Ghz 1.03	4~12Ghz 1.04	13Ghz 1.05	14~16Ghz 1.07	17Ghz 1.13	18~31Ghz 1.18	32Ghz 1.23	33~49Ghz 1.36	50Ghz 1.40	
2.4 PLUG TO 2.4 JACK														
ADS-2.4/3-2.4/8	2		B6-B3	Stainless	1Ghz 1.02	2~5Ghz 1.03	6Ghz 1.04	7Ghz 1.05	8Ghz 1.06	9~12Ghz 1.07	13~18Ghz 1.08	19Ghz 1.09	20~24Ghz 1.10	
					25Ghz 1.11	26Ghz 1.12	27Ghz 1.13	28Ghz 1.15	29Ghz 1.18	30~45Ghz 1.19	46Ghz 1.21	47~50Ghz 1.23	/ /	
2.4 JACK TO 2.4 JACK														
ADS-2.4/8-2.4/8	3		B3-B3	Stainless	1Ghz 1.02	2Ghz 1.03	3~6Ghz 1.04	7Ghz 1.05	8Ghz 1.08	9~14Ghz 1.10				
					15~28Ghz 1.11	29Ghz 1.14	30Ghz 1.21	31~37Ghz 1.24	38Ghz 1.26	39~50Ghz 1.27				
SMA PLUG TO SMA PLUG														
ADS-A3A3	6		A6-A6	Stainless; Epoxy Captivation	1~3Ghz 1.03	4~5Ghz 1.04	6Ghz 1.05	7Ghz 1.08	8Ghz 1.14	9~13Ghz 1.18	14Ghz 1.21	15~17Ghz 1.23	18Ghz 1.25	
ADSG-A3A3	6		A15-A15	Gold Plated Stainless; Epoxy Captivated	1Ghz 1.02	2Ghz 1.04	3Ghz 1.06	4~10Ghz 1.07	11Ghz 1.08	12Ghz 1.13	13Ghz 1.18	14~18Ghz 1.20		
AD-A3A3	6		A4-A4		1~2Ghz 1.03	3Ghz 1.04	4Ghz 1.08	5~8Ghz 1.13	9~13Ghz 1.16	14~20Ghz 1.12				
AD-A3A6	6		B4-B4	SMA plug to SMA RP plug	1Ghz 1.01	2~4Ghz 1.02	5Ghz 1.04	6Ghz 1.08	7Ghz 1.09	8~14Ghz 1.16	15~18Ghz 1.34			
AD-A6A6	6		B4-B4	SMA RP plug to SMA RP plug	1~5Ghz 1.03	6Ghz 1.06	7Ghz 1.19	8~14Ghz 1.25	15~18Ghz 1.33					
SMA PLUG TO SMA PLUG FOR BULKHEAD														
AD-A3A3-BF-18	4	116	A4-A4	Epoxy captivation; 18GHz Precision										
ADS-A3A3-BF-18	4	116	A6-A6	Stainless; Epoxy captivation; 18GHz Precision	1~4Ghz 1.05	5~9Ghz 1.06	10Ghz 1.10	11~14Ghz 1.11	15~18Ghz 1.20					
SMA PLUG TO SMA PLUG RIGHT ANGLE														
AL-A3A3	7		A4-A4		1~2Ghz 1.02	3Ghz 1.04	4~5Ghz 1.06	6~8Ghz 1.09	9Ghz 1.11	10Ghz 1.15	11Ghz 1.26	12Ghz 1.30	13Ghz 1.32	
ALSG-A3A3	7		A3-A3	Gold Plated Stainless	1~2Ghz 1.05		3~5Ghz 1.12			6Ghz 1.26				
SMA JACK TO SMA JACK														
AD-A8A8-A1	5		B1-B1		1~4Ghz 1.02	5~8Ghz 1.10	9Ghz 1.12	10Ghz 1.14	11~16Ghz 1.17	17Ghz 1.23	18Ghz 1.24			

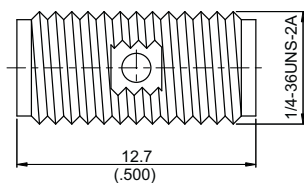


Figure 1.

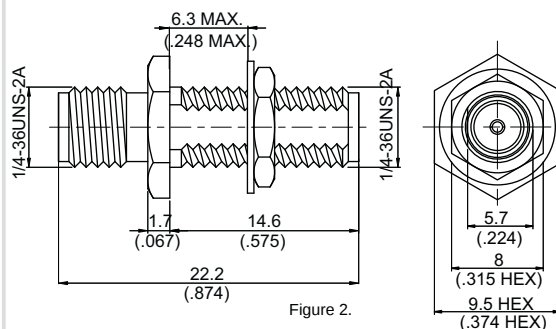


Figure 2.

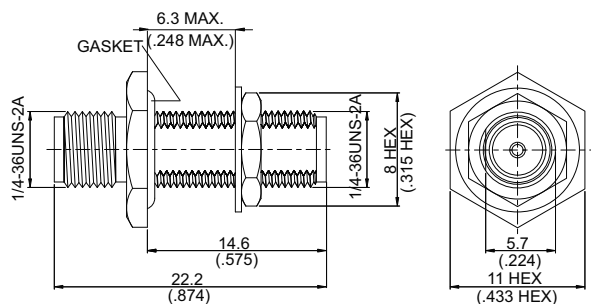


Figure 3.

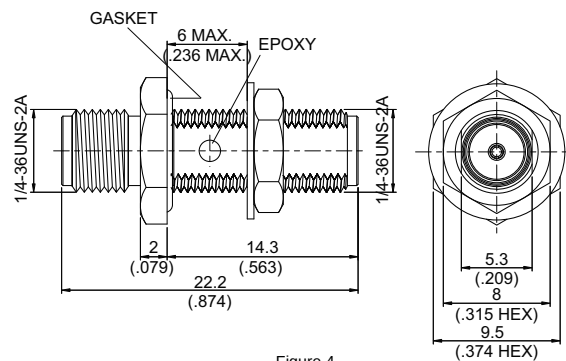


Figure 4.

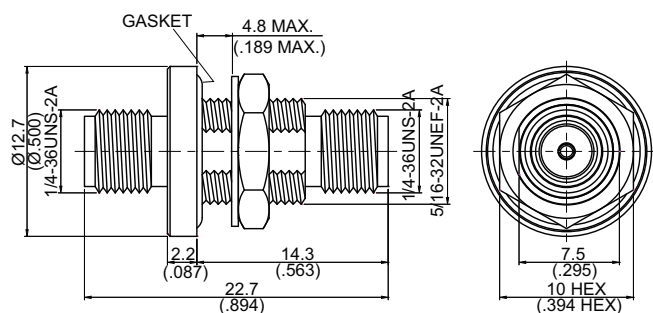
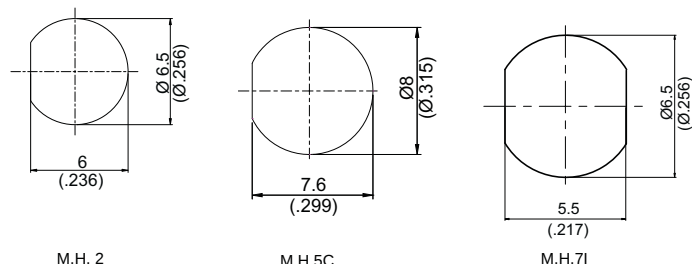


Figure 5.



M.H. 2

M.H.5C

M.H.7I

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR													
SMA JACK TO SMA JACK																		
ADS-A8A8	1		B3-B3	Stainless; Epoxy Captivation	1~2Ghz		3Ghz		4~7Ghz		8Ghz		9~12Ghz		13~18Ghz			
					1.02		1.03		1.06		1.11		1.12		1.26			
ADSG-A8A8	1		B14-B14	Gold plated stainless steel	1~2Ghz		3~7Ghz		8Ghz		9Ghz		10~18Ghz					
					1.03		1.06		1.15		1.17		1.20					
AD-A8A8	1		B1-B1	Epoxy Captivation	1Ghz		2Ghz		3~16Ghz				17~20Ghz					
					1.03		1.04		1.17				1.19					
AD-A9A8	1		B1-B1	SMA RP jack to SMA jack	1~5Ghz		6Ghz		7~11Ghz				12Ghz					
					1.09		1.14		1.17				1.32					
AD-A9A9	1		A1-A1	SMA RP jack to SMA RP jack	1~3Ghz		4~5Ghz		6Ghz				7~11Ghz					
					1.06		1.12		1.14				1.18					
SMA JACK TO SMA JACK FOR BULKHEAD																		
ADS-A8A8-BF	2	2	B3-B3	Stainless, Epoxy captivation;No Gasket	1~2Ghz		3~4Ghz		5Ghz		6Ghz		7~8Ghz		9Ghz		10Ghz	
					1.04		1.05		1.07		1.17		1.19		1.20		1.27	
ADS-A8A8-BF-18	2	71	B3-B3	Stainless, No Gasket 18GHz Precision;Two Flats	1~3Ghz		4Ghz		5Ghz		6Ghz		7~18Ghz					
					1.03		1.06		1.10		1.15		1.20					
AD-A8A8-BF-18/W	2	2	B2-B2	Epoxy Captivation; No Gasket 18GHz Precision	1Ghz	2Ghz	3Ghz	4Ghz	5Ghz	6Ghz	7Ghz	8~10Ghz	12Ghz	13~18Ghz				
					1.02	1.03	1.06	1.08	1.09	1.10	1.12	1.13	1.18	1.20				
AD-A8A8-BF	2	2	B1-B1	No Gasket	1~3Ghz		4Ghz		5Ghz		6Ghz		7~9Ghz		10~12Ghz			
					1.02		1.03		1.04		1.13		1.23		1.25			
AD-A8A8-BF-G	3	2	B1-B1	With Gasket	1~2Ghz		3Ghz	4Ghz	5~12Ghz	13Ghz	14Ghz	15Ghz	16Ghz	17~20Ghz				
					1.02		1.04	1.08	1.10	1.11	1.15	1.18	1.21	1.22				
AD-A8A8-BF-G/HS	3	2	B1-B1	Hermetically Sealed	1Ghz	2Ghz	3~7Ghz	8Ghz	9~11Ghz	12Ghz	13~14Ghz	15Ghz	16Ghz	17Ghz	18Ghz			
					1.03	1.05	1.06	1.09	1.11	1.12	1.14	1.15	1.2	1.23	1.37			
ADS-A8A8-BF-G	4	71	B3-B3	With Gasket; Epoxy Captivation	1Ghz		2~6Ghz		7~9Ghz		10Ghz		11Ghz		12~18Ghz			
					1.03		1.06		1.07		1.10		1.15		1.19			
AD-A8A8-BF1/HS/EPDM	5	5C		Hermetically Sealed Gamma Radiation Resistant Washer	1~8 GHz				9~11 GHz				12~18 GHz					
					1.05				1.15				1.2					

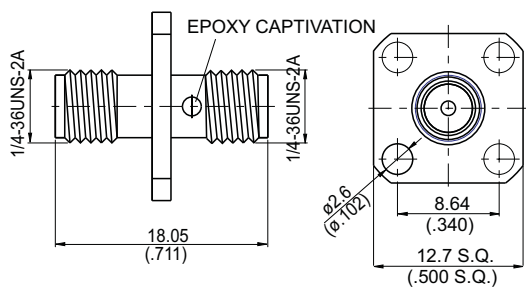


Figure 1.

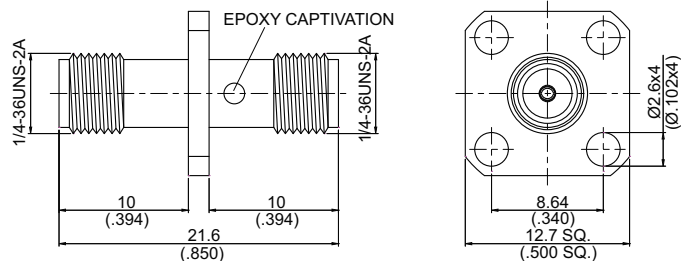


Figure 2.

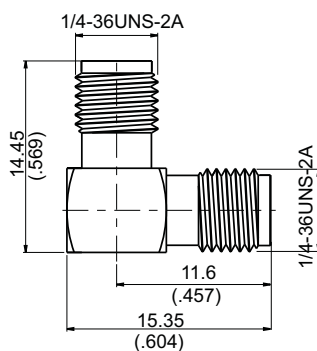


Figure 3.

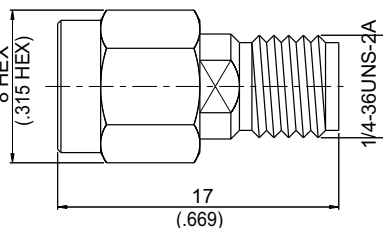


Figure 4.

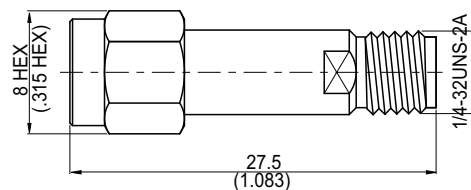


Figure 5.

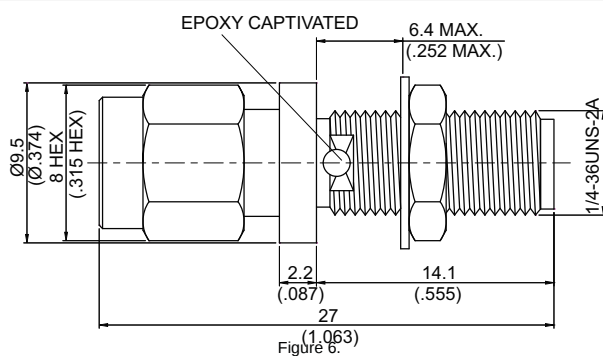
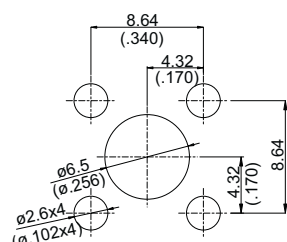
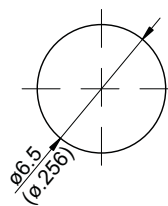


Figure 6.



M.H.16



M.H. 91

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR								
SMA JACK TO SMA JACK FOR PANEL RECEPTACLE													
AD-A8A8-P4	1	16	B1-B1	Epoxy Captivation	1-3GHz 1.03	4GHz 1.05	5GHz 1.06	6GHz 1.09	7GHz 1.13	8-10GHz 1.19	11GHz 1.24	12-16GHz 1.30	17GHz 1.33
AD-A8A8-P4L	2	16	B1-B1	Epoxy Captivation	0-2Ghz 1.02			3-11Ghz 1.06			12-18Ghz 1.17		
SMA JACK TO SMA JACK RIGHT ANGLE													
AL-A8A8	3		B1-B1		1-2GHz 1.04	3-4GHz 1.05	5GHz 1.07	6GHz 1.17	7-8GHz 1.19	9GHz 1.20	10GHz 1.27		
SMA PLUG TO SMA JACK													
AD-A3A8	4		B4-B1		1-2GHz 1.03	3-4GHz 1.04	5GHz 1.05	6GHz 1.11	7-8GHz 1.12	9-11GHz 1.18	12-18GHz 1.19		
AD-AR3A8	4		B4-B1	SMA Plug Has Reverse Thread	1-2GHz 1.02	3GHz 1.07	4GHz 1.14	5-10GHz 1.17	11-13GHz 1.19	14-18GHz 1.27			
AD-A3A9	4		A4-A1	SMA Plug to SMA RPJack	1-4GHz 1.02	5GHz 1.04	6GHz 1.08	7GHz 1.09	8-14GHz 1.16	15-18GHz 1.34			
AD-A6A8	4		B4-B1	SMA RP Plug To SMA Jack	1-2GHz 1.02	3-4GHz 1.05	5GHz 1.06	6GHz 1.08	7GHz 1.14	8GHz 1.34			
AD-A6A9	4		B4-B1	SMA RP Plug To SMA RP Jack	1-2GHz 1.02	3GHz 1.04	4-5GHz 1.05	6GHz 1.09	7GHz 1.15	8GHz 1.32			
ADS-A3A8	4		B6-B3	Stainless	1-2GHz 1.04	3-5GHz 1.07	6-7GHz 1.12	8-13GHz 1.15	14GHz 1.16	15GHz 1.18	16-18GHz 1.22		
ADSG-A3A8	4		B15-B14	Gold Plated Stainless Steel	1GHz 1.05	2GHz 1.08	3GHz 1.10	4GHz 1.13	5-8GHz 1.15	9GHz 1.20	10GHz 1.21	11-18GHz 1.24	
AD-A3A8-L	5		B4-B1		1-2GHz 1.02	3GHz 1.04	4GHz 1.05	5GHz 1.07	6-8GHz 1.09	9GHz 1.16	10GHz 1.28	11GHz 1.31	12-18GHz 1.32
SMA PLUG TO SMA JACK FOR BULKHEAD													
AD-A3A8-BF	6	91	B4-B1										

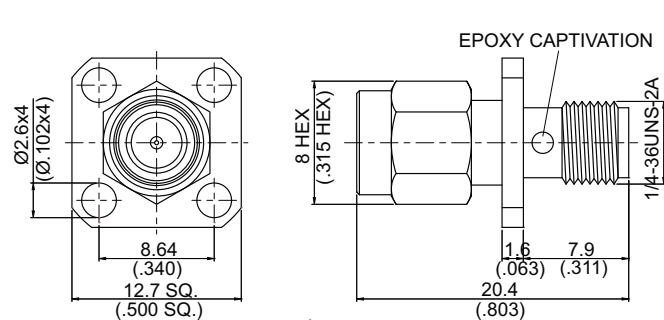


Figure 1.

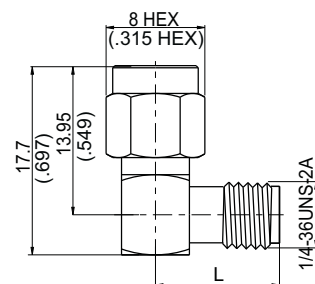


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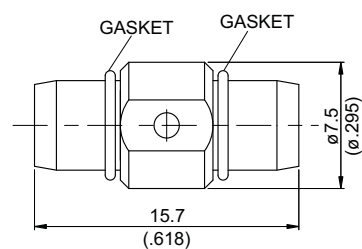


Figure 3.

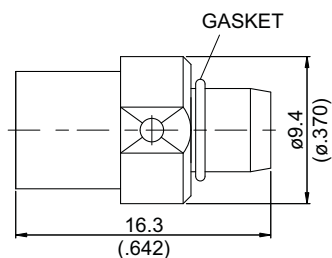


Figure 4.

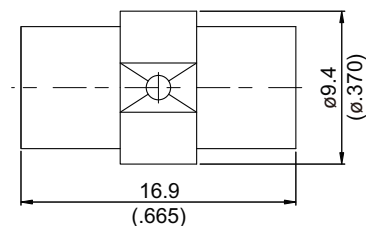


Figure 5.

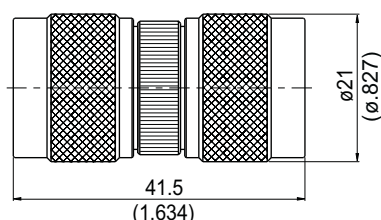
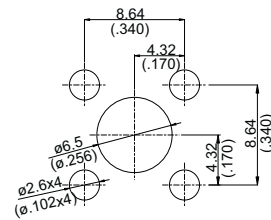


Figure 6.



M.H.16

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR								
SMA PLUG TO SMA JACK FOR PANEL RECEPTACLE														
AD-A3A8-P4	1		16	B4-B1		1~2 GHz	3GHz	4~13GHz	14~16 GHz	17GHz	18 GHz			
						1.01	1.02	1.03	1.04	1.07	1.1			
SMA PLUG TO SMA JACK RIGHT ANGLE														
ALSG-A3A8	2	L=11.60(.457)		A15-B14	Gold plated stainless steel	1GHz	2GHz	3GHz	4GHz	5GHz	6GHz	7~11GHz		
						1.02	1.05	1.06	1.08	1.13	1.19	1.31		
ALS-A3A8	2	L=11.60(.457)		A6-B3	Stainless	1~3GHz	4GHz	5GHz	6GHz	7~13GHz				
						1.04	1.06	1.10	1.16	1.19				
AL-A3A8	2	L=11.35(.447)		A4-B1		1~2GHz	3GHz	4GHz	5GHz	6~13GHz	14GHz			
						1.02	1.09	1.12	1.19	1.23	1.26			
AL-A6A9	2	L=11.35(.447)		B4-A1	SMA RP Plug To SMA RP Jack	1GHz	2GHz	3~5GHz	6~8GHz	9~10GHz				
						1.03	1.05	1.06	1.16	1.32				
BMA PLUG TO BMA PLUG														
ADS-J3J3	3			A3-A3	Stainless	1GHz	2GHz	3GHz	5GHz	7GHz	9GHz	14GHz	16GHz	
						1.04	1.05	1.07	1.09	1.12	1.20	1.28	1.46	
BMA PLUG TO BMA JACK														
ADS-J3J8	4			B3-B3	Stainless	1GHz	2~8GHz	9~12GHz	13GHz	14~15GHz	16~18GHz			
						1.04	1.07	1.17	1.21	1.22	1.25			
BMA JACK TO BMA JACK														
ADS-J8J8	5			B3-B3	Stainless									
N PLUG TO N PLUG														
AD-N3N6	6			A11-B11	N Plug to N RP Plug	1GHz	2GHz	3GHz	4GHz					
						1.02	1.05	1.09	1.21					
AD-N3N3-75	6			A11-A11	75 Ω	1GHz	2GHz	3GHz						
						1.10	1.14	1.26						
ADS-N3N3	6			A6-A6	Stainless	1~2GHz	3GHz	4~5GHz	6~10GHz	11GHz	12~18GHz			
						1.03	1.06	1.08	1.13	1.23	1.26			
ADS-N3AN3A	6			A6-A6	Stainless,A=Hex Coupling Nut	1GHz	2GHz	3~5GHz	6~7GHz	8~12GHz	13~18GHz			
						1.01	1.02	1.06	1.11	1.22	1.25			
ADS-N3N3-75	6			A6-A6	Stainless,75 Ω	1~3GHz								
						1.03								

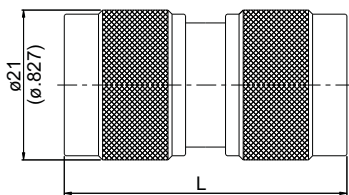


Figure 1.

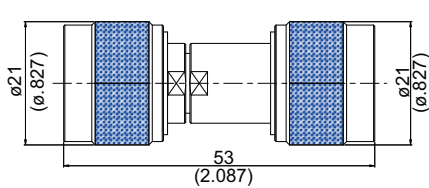


Figure 2.

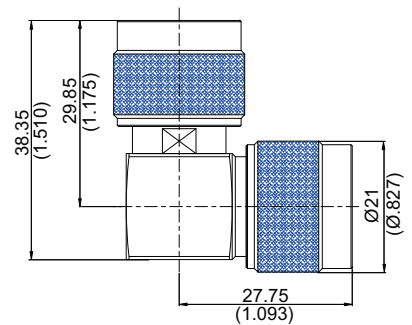


Figure 3.

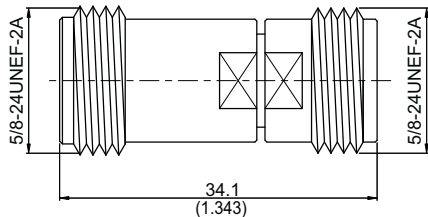


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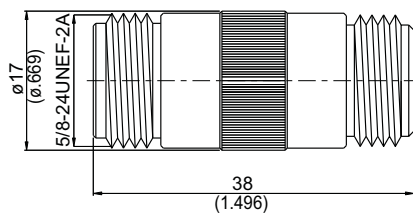


Figure 5.

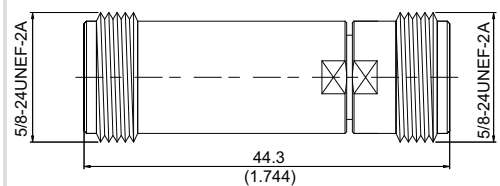


Figure 6.

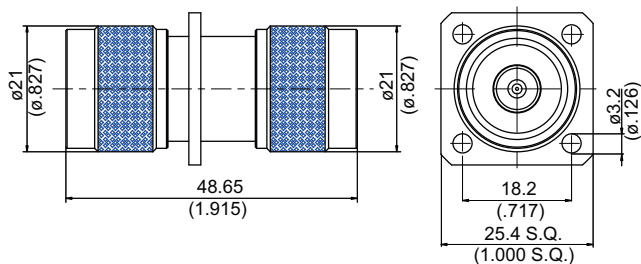


Figure 7

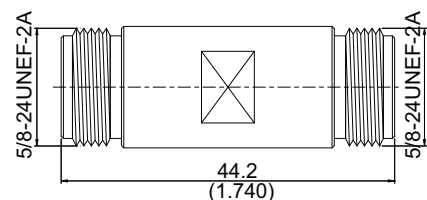
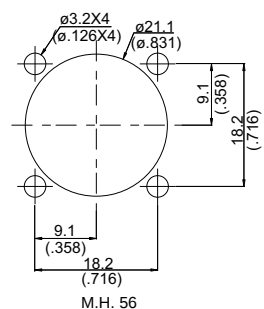


Figure 8

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR							
N PLUG TO N PLUG													
AD-N3N3	1	L=39.6(1.559)		A11-A11		1GHz 1.02	2-4GHz 1.04	5GHz 1.08	6GHz 1.10	7GHz 1.17	8-12GHz 1.22	13GHz 1.28	
AD-N3N3-18	2			A11-A11	18GHz Precision	1GHz 1.03	2-6GHz 1.06	7-16GHz 1.10	17-18GHz 1.14				
ADS-N3N3-18A	1	L=47.96(1.889)		A6-A6	Stainless;18GHz Precision	1GHz 1.03	2-6GHz 1.06	7-16GHz 1.10	17-18GHz 1.14				
AD-N3N3-26	2			A11-A11	26GHz Precision	1GHz 1.03	2-6GHz 1.06	7-16GHz 1.10	17-27GHz 1.14	28GHz 1.20			
N PLUG TO N PLUG RIGHT ANGLE													
AL-N3N3	3			A11-A11		1GHz 1.04	2GHz 1.05	3-4GHz 1.06	5GHz 1.11	6-11GHz 1.14	12GHz 1.22	13GHz 1.36	
ALS-N3N3	3			B6-B6	Stainless	1-2GHz 1.03	3-4GHz 1.07	5-10GHz 1.15	11GHz 1.19	12-13GHz 1.30			
N PLUG TO N PLUG FOR PANEL RECEPTACLE													
AD-N3N3-P4	7		56	A11-A11		1GHz 1.02	2-5GHz 1.05	6-14GHz 1.25	15-18GHz 1.26				
N JACK TO N JACK													
ADS-N8N8	4			C3-B3	Stainless	1-2GHz 1.02	3GHz 1.03	4GHz 1.10	5GHz 1.12	6-14GHz 1.19	15GHz 1.23		
ADS-N8N8-75	4			C3-B3	Stainless;75 Ω								
AD-N8N8	5			C2-C2		1GHz 1.03	2GHz 1.09	3GHz 1.14	4GHz 1.31				
AD-N8N8-75	5			B2-B2	75 Ω	1-3GHz 1.18							
AD-N8N9	5			B2-A2	N Jack To N RP Jack	1GHz 1.02	2GHz 1.05	3GHz 1.06	4GHz 1.11	5GHz 1.13	6-9GHz 1.21		
ADS-N8N8-18A	8			B3-B3	Stainless;18GHz Precision	1-2GHz 1.03	3-6GHz 1.05	7-17GHz 1.1	18GHz 1.14				
AD-N8N8-18	6			B2-B2	18GHz Precision	1GHz 1.06	2-9GHz 1.11	10-12GHz 1.14	13-18GHz 1.17				
AD-N8N8-26	6			B2-B2	26GHz Precision	1GHz 1.06	2-9GHz 1.11	10-12GHz 1.14	13-18GHz 1.17	19-26GHz 1.20			



ADAPTORS

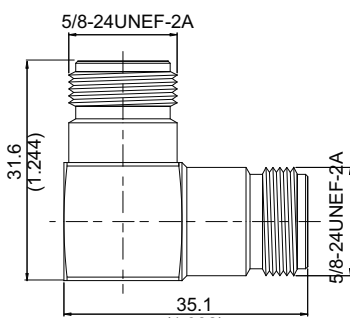


Figure 1.

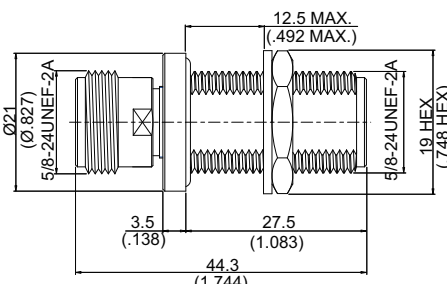


Figure 2.

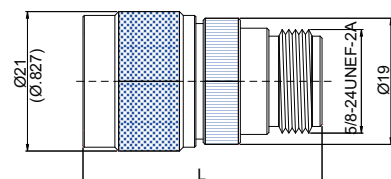


Figure 3.

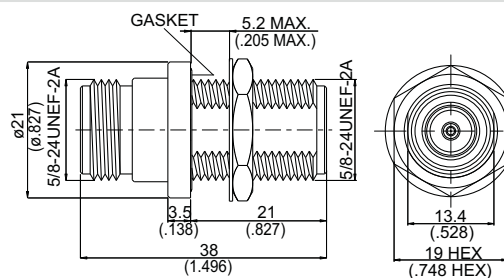


Figure 4.

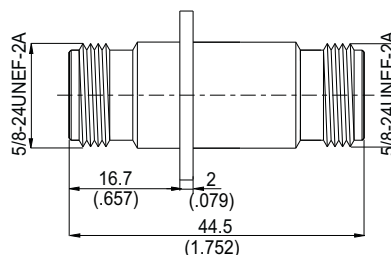


Figure 5.

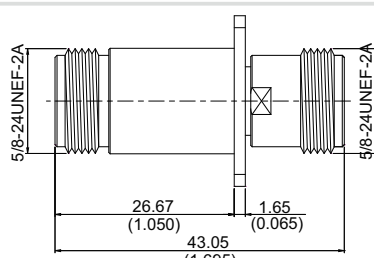
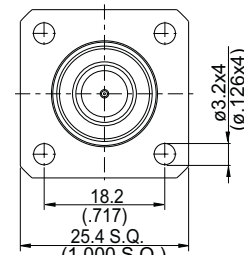
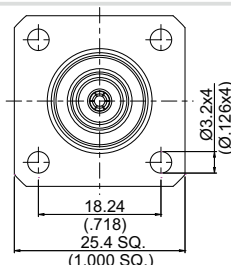
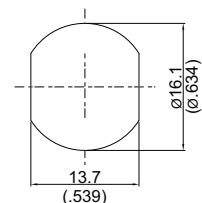


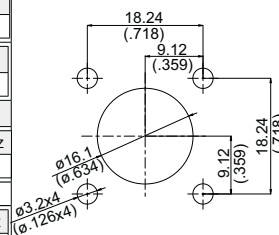
Figure 6.



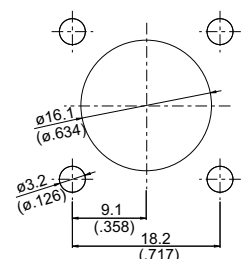
PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR				
N JACK TO N JACK RIGHT ANGLE										
ALS-N8N8	1			B3-B3	Stainless	1-2GHz	3GHz	4-5GHz	6GHz	7-12GHz
						1.05	1.06	1.10	1.14	1.20
N JACK TO N JACK FOR BULKHEAD										
AD-N8N8-BF	4		7	C2-C2		1GHz	2GHz	3GHz	4-7GHz	8GHz
						1.02	1.08	1.09	1.33	1.34
AD-N9N9-BF	4		7	A2-A2	N RP jack to N RP jack for bulkhead	1GHz	2-3GHz	4GHz	5-8GHz	9-10GHz
						1.03	1.06	1.21	1.29	1.34
AD-N8N8-BF-75	4		7	C2-C2	75 Ω	1GHz	2GHz	3GHz		
						1.04	1.11	1.23		
AD-N8N8-BF/HS/EPDM	4		7	B2-B2	Hermetically Sealed & With Radiation Resistant Washer	0-1GHz	2GHz	3GHz	4-6GHz	
						1.02	1.08	1.1	1.19	
AD-N8N8-BF-18	2		7	B2-B2	18GHz Precision	1GHz	2-3GHz	4-12GHz	13-18GHz	
						1.01	1.03	1.07	1.20	
ADS-N8N8-BF-18	2		7	B3-B3	Stainless;18GHz Precision	1Ghz	2Ghz	3Ghz	4-12Ghz	13-18Ghz
						1.01	1.03	1.03	1.07	1.20
N JACK TO N JACK FOR PANEL RECEPTACLE										
AD-N8N8-P4	5		26A	C2-B2		1-3GHz	4GHz	5-8GHz	9GHz	10GHz
						1.04	1.06	1.12	1.22	1.28
ADS-N8N8-P4	5		26A	B3-B3	Stainless Steel					
AD-N8N8-P4-18	6		26	B2-B2	18GHz Precision	1GHz	2GHz	3GHz	4-9GHz	10GHz
						1.02	1.03	1.04	1.09	1.12
N PLUG TO N JACK										
ADS-N3N8	3	L=36.1(1.421)		A6-B3	Stainless Steel	1-4GHz	5GHz	6-8GHz	9GHz	
						1.08	1.10	1.13	1.22	
AD-N3N8	3	L=36.1(1.421)		A11-B2		1GHz	2-3GHz	4GHz	5GHz	6-9GHz
						1.02	1.03	1.09	1.11	1.17
AD-N3N8/HS	3	L=36.3(1.429)		A11-B2	Hermetically Sealed	1-2GHz	3-6GHz	7-15GHz		
						1.06	1.11	1.2		
AD-N3(M16)N8	3	L=36.25(1.427)		A11-B2	N Plug With M16 Thread To N Jack	1GHz	2GHz	3GHz	4-8GHz	9GHz
						1.03	1.05	1.07	1.12	1.13
AD-N6N8	3	L=36.1(1.421)		B11-B2	N RP plug to N jack	1-2GHz	3-4GHz	5GHz	6GHz	7GHz
						1.04	1.05	1.12	1.15	1.20
AD-N3N9T	3	L=36(1.417)		A11-A2	N Plug To N RP Jack	1GHz	2GHz	3-4GHz	5-8GHz	
						1.04	1.06	1.1	1.14	
AD-N3N8-75	3	L=36.1(1.421)		A11-B2	75 Ω	1-3GHz				
						1.10				



M.H. 7



M.H. 26



M.H. 26A

ADAPTORS

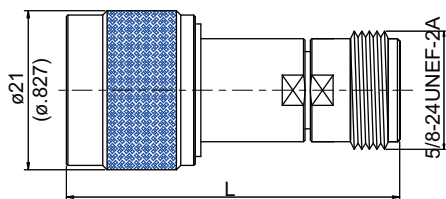


Figure 1.

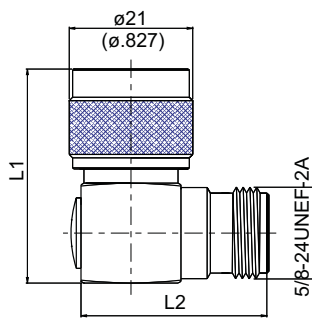


Figure 2.

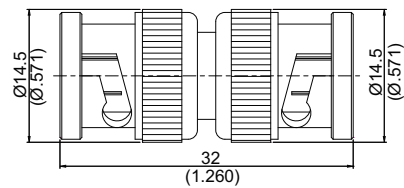


Figure 3.

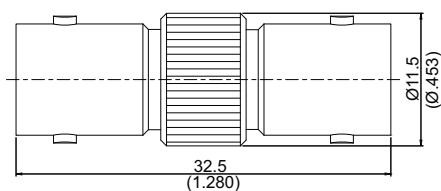


Figure 4.

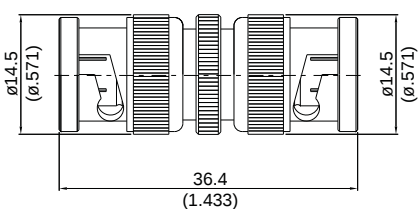


Figure 5.

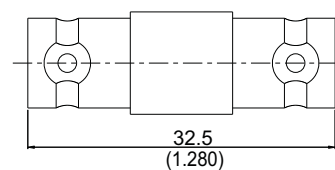


Figure 6.

PART NUMBER	Fig.	Measurements	Material	Remarks	Typical VSWR					
N PLUG TO N JACK										
AD-N3N8-18	1	L=44(1.732)	B11-B2	18GHz Precision	1GHz 1.02	2~4GHz 1.04	5~10GHz 1.10	11~14GHz 1.14	15GHz 1.16	16~18GHz 1.20
ADS-N3N8-18	1	L=47.96(1.888)	B6-B3	18GHz Precision;Stainless	1~3GHz 1.02		4~12GHz 1.11		13~18GHz 1.13	
AD-N3(M16)N8-18	1	L=44(1.732)	B11-B2	N Plug With M16 Thread To N Jack18GHz Precision	1GHz 1.01	2~4GHz 1.03	5~10GHz 1.10	11~14GHz 1.11	15~18GHz 1.16	
AD-N3N8(M16)-18	1	L=44(1.732)	B11-B2	N Plug To N Jack With M16 Thread 18GHz Precision	1GHz 1.01	2~4GHz 1.04	5~10GHz 1.10	11~14GHz 1.11	15~18GHz 1.13	
AD-N3N8-26	1	L=44(1.732)	B11-B2	26GHz Precision	1GHz 1.02	2~4GHz 1.04	5~10GHz 1.10	11~14GHz 1.14	15GHz 1.16	16~26GHz 1.20
N PLUG TO N JACK RIGHT ANGLE										
AL-N3N8	2	L1=36.4(1.433) L2=31.6(1.244)	A11-C2		1GHz 1.08		2GHz 1.11		3GHz 1.23	
ALS-N3N8	2	L1=38.35(1.510) L2=35.1(1.382)	A6-B3	Stainless	1GHz 1.01	2GHz 1.03	3~4GHz 1.04	5GHz 1.07	6~12GHz 1.19	
AL-N3N8-75	2	L1=36.4(1.433) L2=31.6(1.244)	A11-C2	75 Ω	1~3GHz 1.14					
BNC HDTV PLUG TO BNC HDTV PLUG										
AD-BH3BH3-75	3		A11-A11	75 Ω	1~4GHz 1.20					
BNC HDTV JACK TO BNC HDTV JACK										
AD-BH8BH8-75	4		C2-C2	75 Ω	1~2 GHz 1.1			3~4GHz 1.19		
BNC PLUG TO BNC PLUG										
AD-B3B3A	5		A11-A11		1~2GHz 1.11	3GHz 1.17	4GHz 1.22	5~6GHz 1.23		
AD-B3B3A-75	5		A11-A11	75 Ω	1~2GHz 1.13					
BNC JACK TO BNC JACK										
AD-B8B8	6		C2-C2		1~4GHz 1.16					
AD-B8B8-75	6		C2-C2	75 Ω	1~3GHz 1.18					

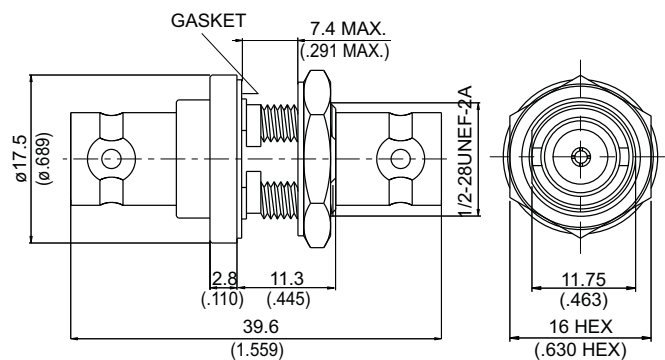


Figure 1.

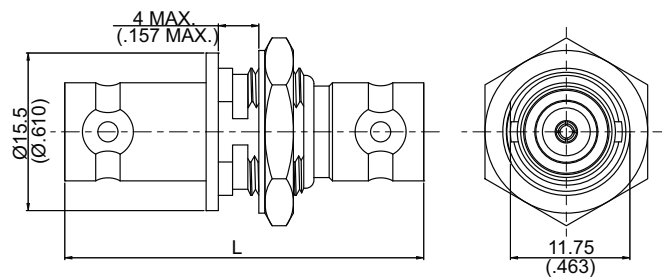


Figure 2.

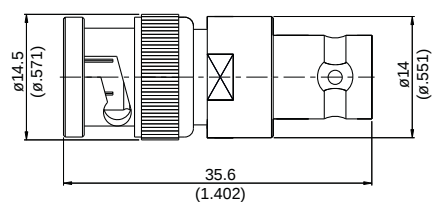


Figure 3.

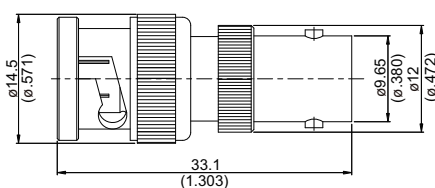


Figure 4.

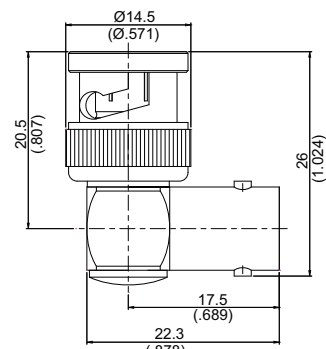


Figure 5.

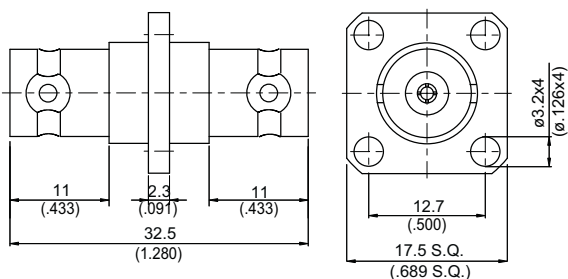
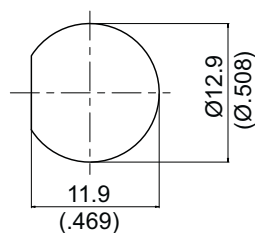
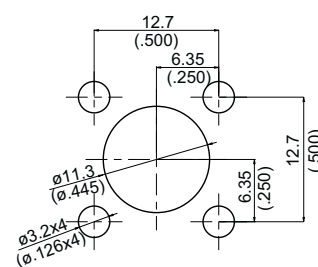


Figure 6.



M.H. 5



M.H. 23

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR			
BNC JACK TO BNC JACK FOR BULKHEAD									
AD-B8B8-BF	1		5	C2-C2	With Gasket	1~2GHz 1.21		3~4GHz 1.22	
AD-B8B8-BF/HS/NI	1		5	B17-B17	Hermetically Sealed	1~2GHz 1.21		3~4GHz 1.22	
AD-B8B8-BF-75	1		5	C2-C2	75 Ω;With Gasket	1GHz 1.12		2~3GHz 1.14	
AD-B8B8-BF1	2	L=35.3 (1.390)	5	C2-C2	Isolated Bulkhead				
AD-B8B8-BF/W	2	L=32.6 (1.283)	5	C2-C2	Isolated Bulkhead	1~2GHz 1.12		3~6GHz 1.25	
BNC JACK TO BNC JACK FOR PANEL RECEPTACLE									
AD-B8B8-P4	6		23	C2-C2	No Gasket	1~4GHz 1.17			
AD-B8B8-P4-75	6		23	C2-C2	75 Ω;No Gasket	1~3GHz 1.15			
BNC PLUG TO BNC JACK									
AD-B3B8A	3			C11-C2		1GHz 1.06	2~3GHz 1.10	4GHz 1.16	5GHz 1.29
AD-B3B8A-75	3			C11-C2	75 Ω	1GHz 1.16		2GHz 1.22	
AD-B6B8	4			C11-C2	BNC RP Plug To BNC Jack	1GHz 1.1		2GHz 1.23	
BNC PLUG TO BNC JACK RIGHT ANGLE									
AL-B3B8	5			A11-B2		1GHz 1.07		2GHz 1.14 3GHz 1.23	

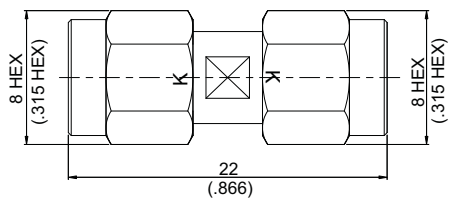


Figure 1.

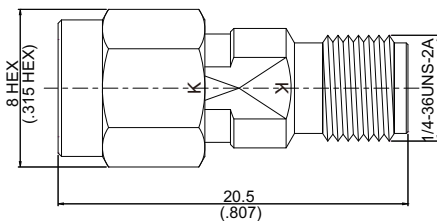


Figure 2.

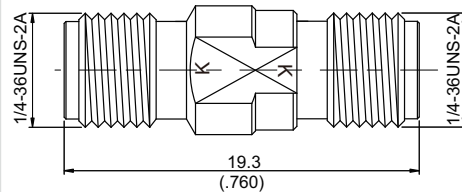


Figure 3.

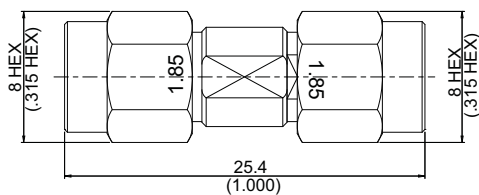


Figure 4.

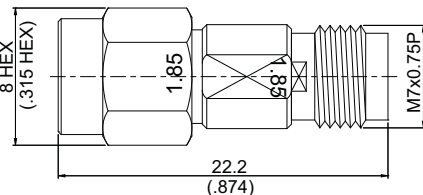


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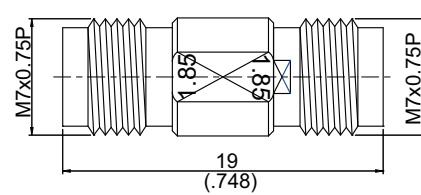


Figure 6.

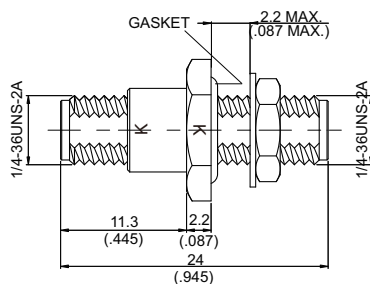
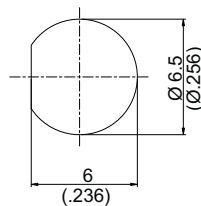
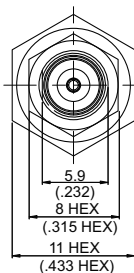


Figure 7.



M.H. 2

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR					
K PLUG TO K PLUG										
ADS-K3K3	1		A6-A6	Stainless	1~2GHz	3~18GHz	19~35GHz	36GHz	37~40GHz	
					1.02	1.06	1.15	1.16	1.20	
K PLUG TO K JACK										
ADS-K3K8	2		B6-B3	Stainless	1~4GHz	5GHz	6~8GHz	9GHz	10~17GHz	18GHz
					1.04	1.06	1.07	1.08	1.10	1.14
					19GHz	20~27GHz	28GHz	29~36GHz	37GHz	38~40GHz
					1.17	1.21	1.24	1.25	1.27	1.40
K JACK TO K JACK										
ADS-K8K8	3		B3-B3	Stainless	1~6GHz	7~17GHz	18GHz	19GHz	20GHz	21~40GHz
					1.04	1.08	1.10	1.15	1.20	1.25
K JACK TO KJACK FOR BULKHEAD										
ADS-K8K8-BF	7	2	B3-B3	Stainless	1GHz	2~4GHz	5GHz	6~12GHz	13GHz	14GHz
					1.04	1.05	1.06	1.07	1.08	1.13
					15GHz	16GHz	17~20GHz	21GHz	22~36GHz	37~40GHz
					1.19	1.23	1.25	1.26	1.29	1.36
1.85 PLUG TO 1.85 PLUG										
ADS-1.85/3-1.85/3	4									
1.85 PLUG TO 1.85 JACK										
ADS-1.85/3-1.85/8	5									
1.85 JACK TO 1.85 JACK										
ADS-1.85/8-1.85/8	6									

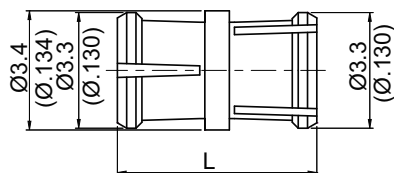


Figure 1.

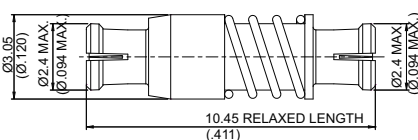


Figure 2.

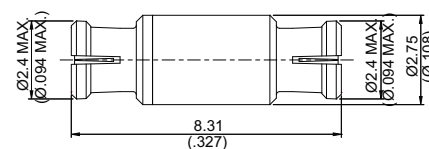


Figure 3.

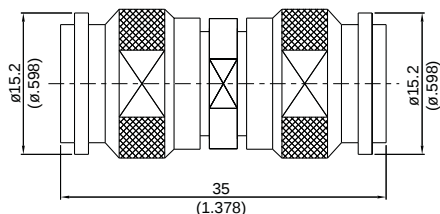


Figure 4.

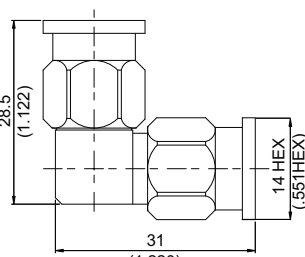


Figure 5.

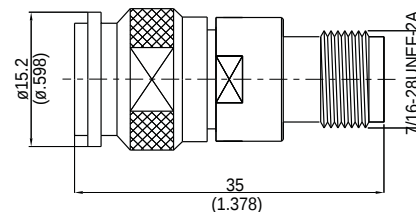


Figure 6.

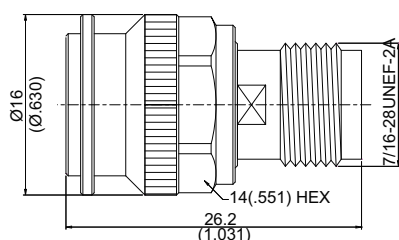


Figure 7.

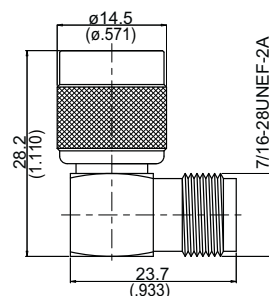


Figure 8.

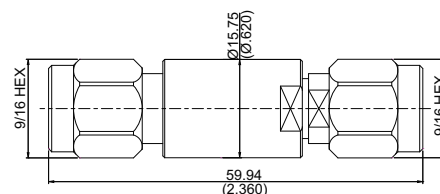


Figure 9.

PART NUMBER	Fig.	Material	Measurements	Remarks	Typical VSWR			
SMP JACK TO SMP JACK								
AD-P8P8-5.69	1	B18-B18	L=5.69(.224)		1~2GHz 1.08	3GHz 1.09	4GHz 1.12	5GHz 1.21
AD-P8P8-6.45	1	B18-B18	L=6.45(.254)		1~2GHz 1.06	3~12GHz 1.09	13~16GHz 1.17	17~20GHz 1.2
SMPM JACK TO SMPM JACK								
AD-PM8PM8-412	2	B18-B18						
AD-PM8PM8-327	3	B18-B18						
TNC PLUG TO TNC PLUG								
AD-T3T3A	4	A11-A11			1~4GHz 1.10		5~11GHz 1.16	
ADS-T3T3-18A	9	B6-B6		Stainless ;18GHz Precision	1Ghz 1.02	2~3Ghz 1.07	4~16Ghz 1.12	17~18Ghz 1.14
AD-T3T6	4	C11-C11		TNC Plug To TNC RP Plug	1GHz 1.02	2GHz 1.08	3GHz 1.10	4~5GHz 1.20
							6~10GHz 1.21	11GHz 1.24
AD-T3T3A-75	4	A11-A11		75 Ω				
TNC PLUG TO TNC PLUG RIGHT ANGLE								
ALS-T3T3	5	B6-B6		Stainless	1GHz 1.03	2~3GHz 1.05	4~7GHz 1.11	8~15GHz 1.20
TNC PLUG TO TNC JACK								
AD-T3T8A	6	B11-B2			1~3GHz 1.08	4GHz 1.10	5GHz 1.17	6~9GHz 1.25
AD-T6T8A	6	C11-C2		TNC RP plug TO TNC jack	1~2GHz 1.03	3GHz 1.07	4~5GHz 1.15	5.7GHz 1.23
AD-T3T8A-75	6	C11-C2		75 Ω				
AD-T3T9	6	A11-A2		TNC Plug to TNC RP Jack	1GHz 1.08	2GHz 1.05	3GHz 1.11	4GHz 1.23
							5GHz 1.30	6~9GHz 1.34
AD-T3T8-18	7	B11-B2		18 GHz Precision				
TNC PLUG TO TNC JACK RIGHT ANGLE								
AL-T3T8	8	A11-B2			1GHz 1.01	2GHz 1.04	3GHz 1.19	
AL-T3T8-75	8	A11-B2		75 Ω	1GHz 1.15		2GHz 1.33	

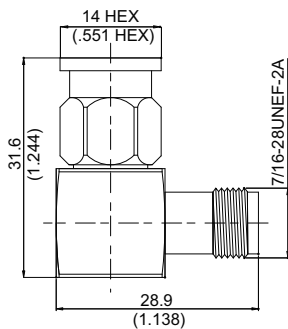


Figure 1.

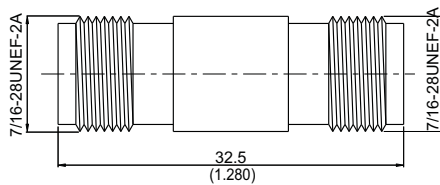


Figure 2.

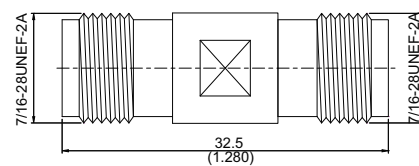


Figure 3.

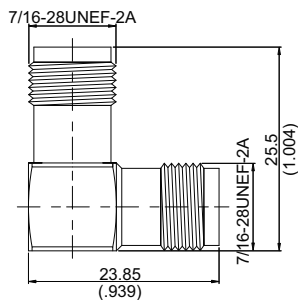


Figure 4.

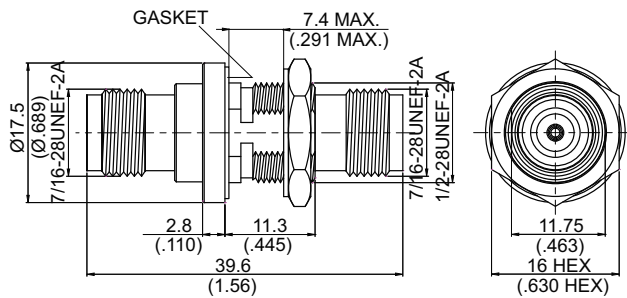


Figure 5.

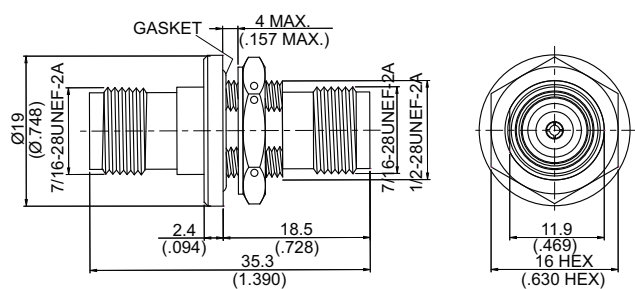


Figure 6.

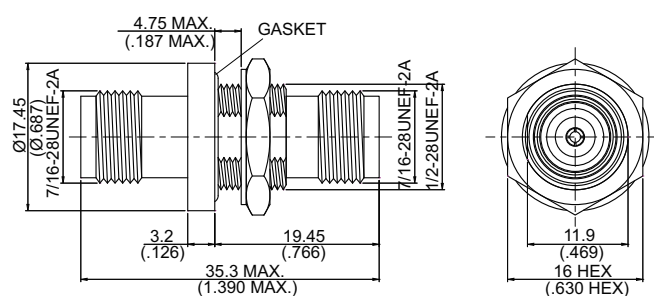
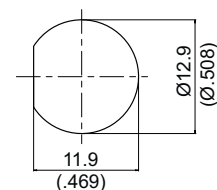
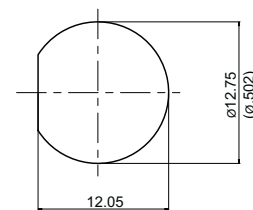


Figure 7.

PART NUMBER	Fig.	M.H	Material	Remarks		Typical VSWR				
TNC PLUG TO TNC JACK RIGHT ANGLE										
ALS-T3T8A	1		B6-B3	Stainless		1~2GHz		3~12GHz		
						1.05		1.12		
TNC JACK TO TNC JACK										
AD-T8T8	2		C2-C2			1GHz	2~4GHz	5GHz	6~9GHz	10GHz
						1.14	1.18	1.22	1.26	1.35
AD-T9T8	2		C2-C2	TNC RP Jack To TNC Jack		1GHz	2GHz	3GHz		
						1.11	1.13	1.27		
AD-T8T8-75	2		C2-C2	75 Ω		1~3GHz				
						1.17				
AD-T8T8-18	3		C2-C2	18GHz Precision						
TNC JACK TO TNC JACK RIGHT ANGLE										
ALS-T8T8	4		B3-B3	Stainless		1GHz	2~3GHz	4GHz	5GHz	6~12GHz
						1.05	1.06	1.18	1.23	1.25
TNC JACK TO TNC JACK FOR BULKHEAD										
AD-T8T8-BF	5	5	C2-C2	With Gasket		1GHz	2GHz	3~9GHz	10GHz	
						1.14	1.16	1.26	1.35	
AD-T8T8-BF-75	5	5	C2-C2	75 Ω; With Gasket		1~3GHz				
						1.18				
AD-T8T8-BF-18	6	5B	B2-B2	18GHz Precision						
AD-T8T8-BF-18/HS	7	5B	B2-B2	18GHz Precision; Hermetically Sealed		1~3GHz	4~7GHz	8~9GHz	10~18GHz	
						1.05	1.15	1.2	1.22	



M.H. 5



M.H. 5B

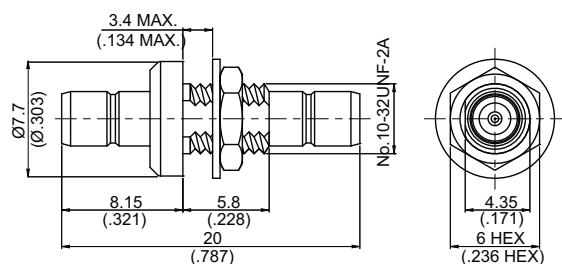


Figure 1.

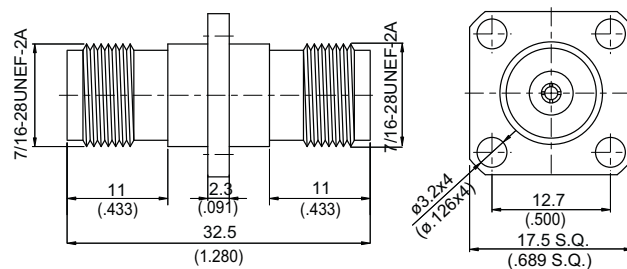


Figure 2.

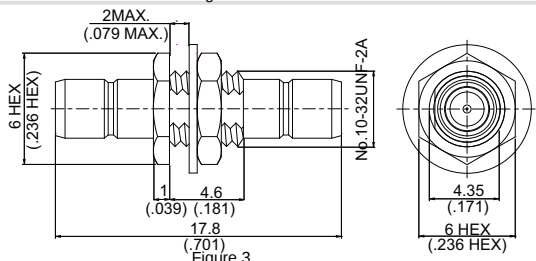


Figure 3.

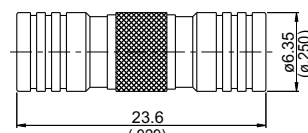


Figure 4.

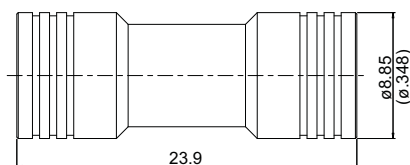


Figure 5.

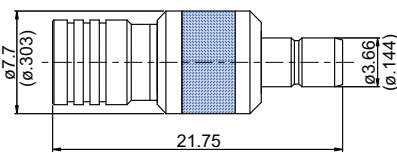


Figure 6.

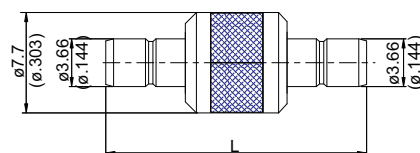


Figure 7.

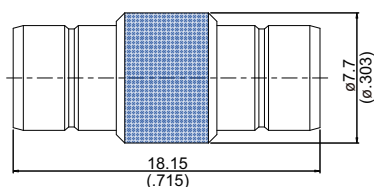
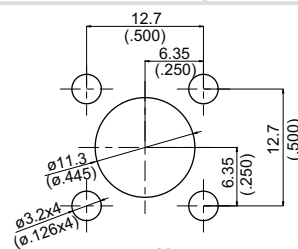
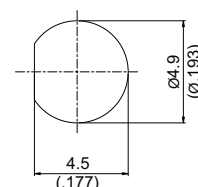


Figure 8.

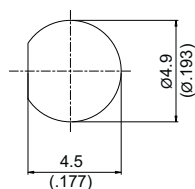
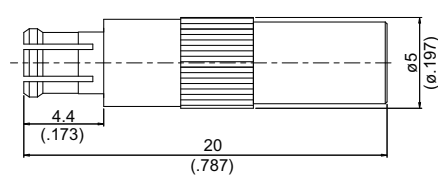
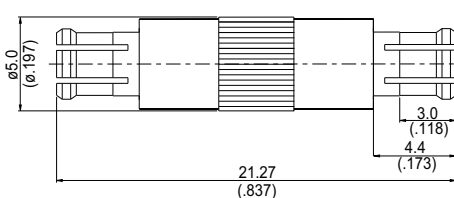
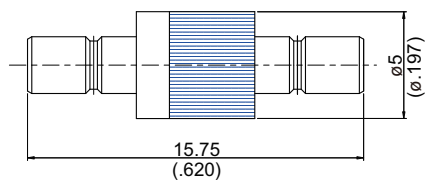
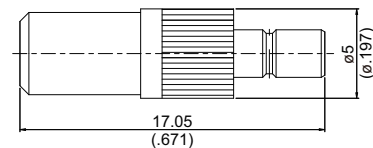
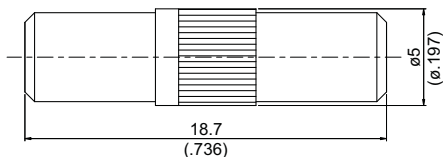
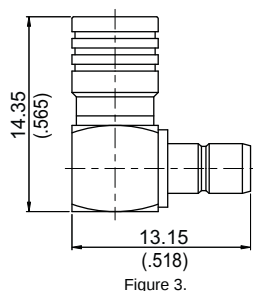
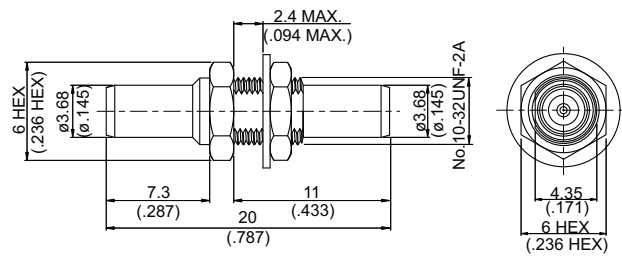
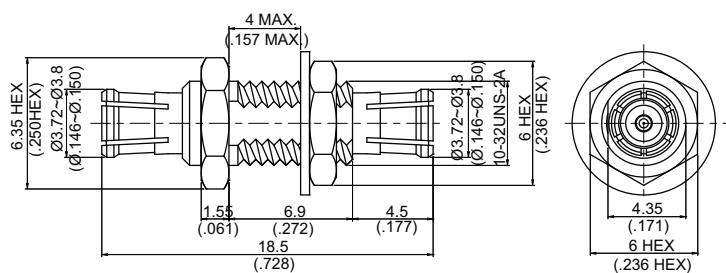


M.H. 23



M.H. 1

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR				
TNC JACK TO TNC JACK FOR PANEL RECEPTACLE										
AD-T8T8-P4	2		23	C2-C2	75 Ω	1GHz	2-4GHz	5-9GHz	10GHz	
						1.14	1.16	1.26	1.35	
AD-T8T8-P4-75	2		23	C2-C2		1-3GHz				
						1.18				
SMB PLUG TO SMB PLUG										
AD-S3S3	4			B1-B1	75 Ω	1GHz	2GHz	3GHz	4-5GHz	6GHz
						1.06	1.10	1.14	1.21	1.25
AD-S3S3-75-M	4			B1-B1	75 Ω; Mini SMB Interface					
AD-S3S3-75-S	5			B1-B1	75 Ω; Standard SMB Interface	1GHz		2GHz		
						1.1		1.12		
SMB PLUG TO SMB JACK										
AD-S3S8	6			B1-B1		1-2GHz		3GHz		4-5GHz
						1.08		1.15		1.29
SMB JACK TO SMB JACK										
AD-S8S8	7	L=20(.787)		A1-A1		1-4GHz		5GHz		
						1.11		1.23		
AD-S8S8-75-M	7	L=19(.748)		A1-A1	75 Ω; Mini SMB Interface					
						1GHz				
						1.08				
AD-S8S8-75-S	8			A1-A1	75 Ω; Standard SMB Interface	1GHz		2GHz		
						1.10		1.12		
SMB JACK TO SMB JACK FOR BULKHEAD										
AD-S8S8-BF	3		1	A1-A1		1-2GHz	3GHz	4GHz	5GHz	6GHz
						1.03	1.05	1.12	1.23	1.34
AD-S8S8-SF1	1		1	A1-A1		1-2GHz		3GHz		4GHz
						1.03		1.05		1.12



PART NUMBER		Fig.	M.H.	Material	Remarks	Typical VSWR			
SMB PLUG TO SMB JACK RIGHT ANGLE									
AL-S3S8		3		B1-A1					
SSMB PLUG TO SSMB PLUG									
AD-SB3SB3		4		B1-B1					
SSMB PLUG TO SSMB JACK									
AD-SB3SB8		5		B1-B1		1GHz	2GHz	3GHz	4GHz
						1.07	1.12	1.18	1.23
SSMB JACK TO SSMB JACK									
AD-SB8SB8		6		A1-A1		1GHz	2GHz	3-4GHz	
						1.02	1.03	1.05	
SMS JACK TO SMS JACK FOR BULKHEAD									
AD-SM8SM8-BF		2	1	A1-A1		1-2GHz	3-5GHz		
						1.06	1.12		
MCX PLUG TO MCX PLUG									
AD-D3D3		7		A18-A18		1-2GHz	3GHz	4-5GHz	6GHz
						1.07	1.09	1.14	1.34
AD-D3D3-75		7		A18-A18	75 Ω	1GHz	1.5GHz		
						1.10	1.20		
MCX PLUG TO MCX PLUG FOR BULKHEAD									
AD-D3D3-BF		1	1	A9-A9		1-5GHz	6GHz		
						1.06	1.22		
MCX PLUG TO MCX JACK									
AD-D3D8		8		B18-B1		1-4GHz	5GHz	6GHz	
						1.06	1.22	1.33	
AD-D3D8-75		8		B18-B1	75 Ω				

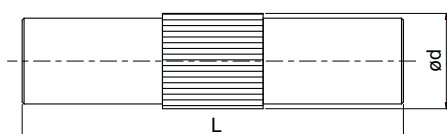


Figure 1.

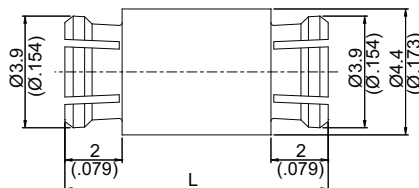


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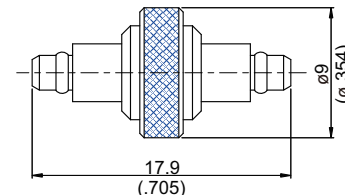


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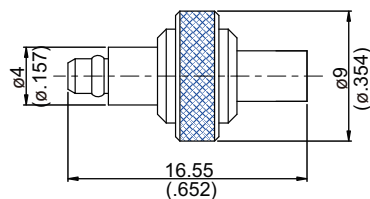


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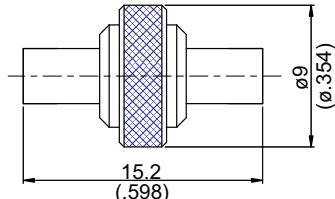


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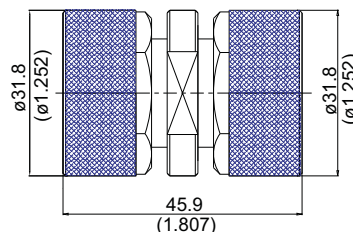


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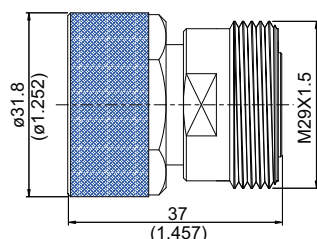


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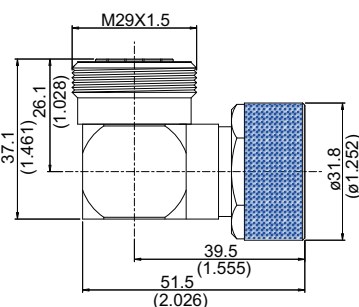


Figure 8.

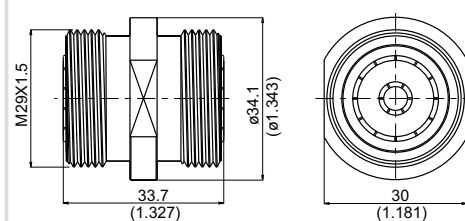


Figure 9.

PART NUMBER	Fig.	Measurements	M.H	Material	Remarks	Typical VSWR					
MCX JACK TO MCX JACK											
AD-D8D8	1	L=20(.787) ød=5(.197)		B1-B1	75 Ω	1~4GHz			5GHz		
						1.08			1.2		
AD-D8D8-75	1	L=19(.748) ød=6.5(.256)		B1-B1		1~2GHz			3GHz		
						1.15			1.17		
MMJX PLUG TO MMJX PLUG											
AD-MJ3MJ3	2	L=9.2(.362)		A18-A18		1~3GHz		4GHz		5~10GHz	
						1.06		1.09		1.15	
AD-MJ3MJ3-18	2	L=14.2(.559)		A18-A18		1~3GHz		4GHz		5~10GHz	
						1.06		1.09		1.15	
MMCX PLUG TO MMCX PLUG											
AD-E3E3	3			A1-A1		1GHz		2GHz		3~6GHz	
						1.03		1.07		1.13	
MMCX PLUG TO MMCX JACK											
AD-E3E8	4			B1-B1							
MMCX JACK TO MMCX JACK											
AD-E8E8	5			B1-B1		1~3GHz		4GHz		5GHz	
						1.04		1.07		1.12	
										1.20	
7/16 PLUG TO 7/16 PLUG											
AD-DI3DI3	6			D11-D11		1~2GHz		3GHz		4~8GHz	
						1.06		1.10		1.23	
7/16 PLUG TO 7/16 JACK											
AD-DI3DI8	7			D11-E2		1GHz	2GHz	3GHz	4GHz	5~7GHz	8~11GHz
						1.02	1.05	1.06	1.12	1.15	1.23
7/16 PLUG TO 7/16 JACK RIGHT ANGLE											
AL-DI3DI8	8			D11-E2		1GHz		2GHz		3GHz	
						1.07		1.11		1.15	
								1.15		1.35	
7/16 JACK TO 7/16 JACK											
AD-DI8DI8	9			E2-E2		1GHz		2GHz		3GHz	
						1.02		1.07		1.16	
								1.16		1.18	

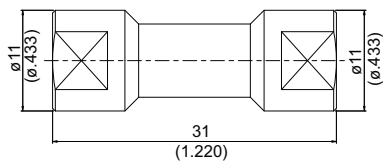


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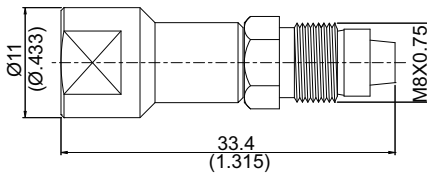


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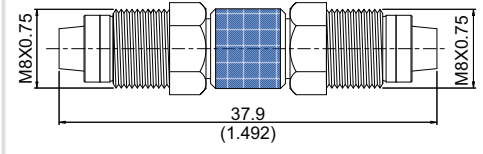


Figure 3.

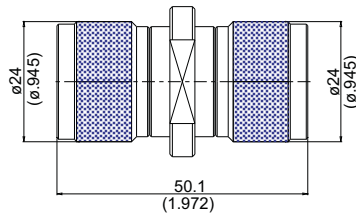


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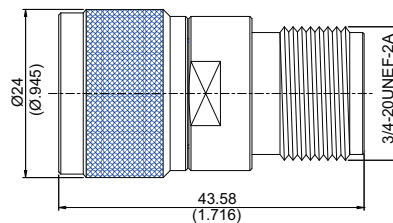


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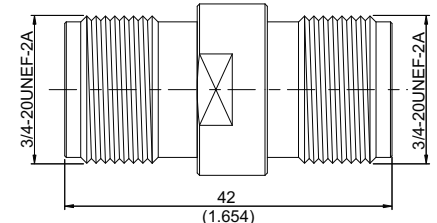


Figure 6.

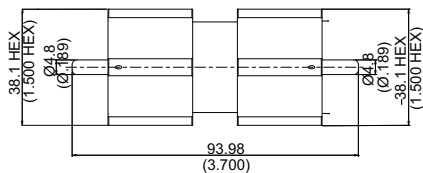


Figure 7.

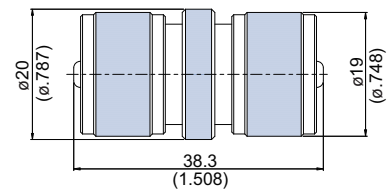


Figure 8.

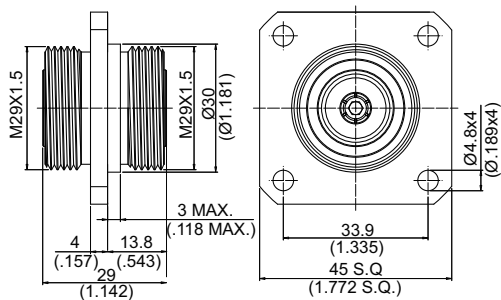
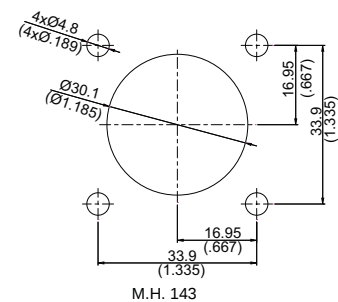


Figure 9.



M.H. 143

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR					
7/16 JACK TO 7/16 JACK FOR PANEL RECEPTACLE										
AD-DI8DI8-P4	9	143	E2-E2		1GHz	2GHz	3~4GHz	5~11GHz		
					1.02	1.04	1.05	1.30		
FME PLUG TO FME PLUG										
AD-FME3FME3	1		A2-A2							
FME PLUG TO FME JACK										
AD-FME3FME8	2		C2-C2		1~2GHz					
					1.20					
FME JACK TO FME JACK										
AD-FME8FME8	3		C2-C2		1GHz	1.5GHz		2GHz		
					1.13	1.22		1.37		
HN PLUG TO HN PLUG										
AD-HN3HN3	4		D16-D16		1GHz	2~4GHz	5GHz	6GHz	7GHz	8GHz
					1.02	1.04	1.08	1.11	1.17	1.22
HN PLUG TO HN JACK										
AD-HN3HN8	5		D16-F17							
HN JACK TO HN JACK										
AD-HN8HN8	6		F17-F17		1 Ghz			2 Ghz		
					1.22			1.3		
LC PLUG TO LC PLUG										
AD-LC3LC3	7		D11-D11	Small LC Standard Interface	1GHz					
					1.20					
UHF PLUG TO UHF PLUG										
AD-M3M3	8		A11-A11		300Mhz					
					1.15					

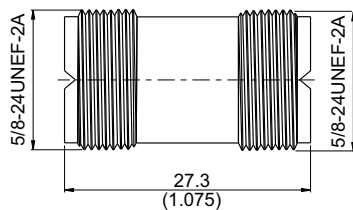


Figure 1.

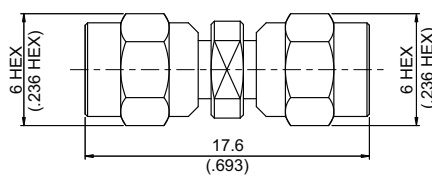


Figure 2.

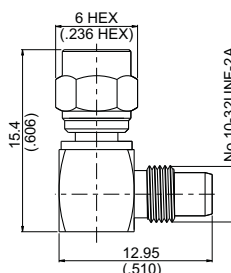


Figure 3.

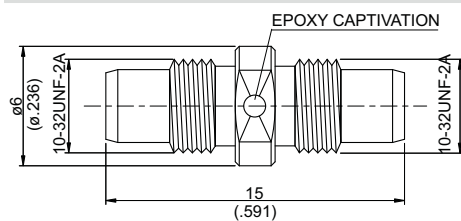


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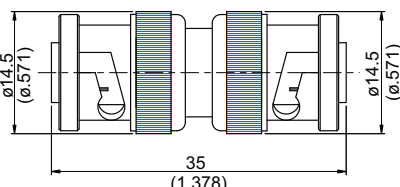


Figure 5.

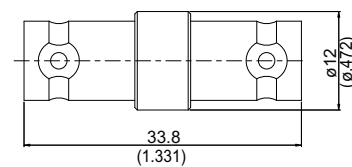


Figure 6.

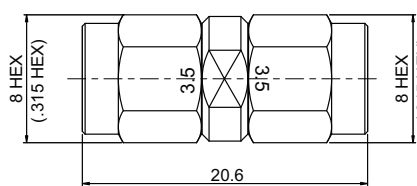


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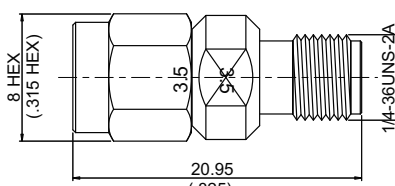


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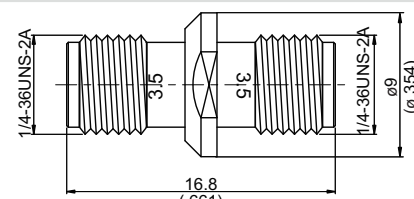


Figure 9

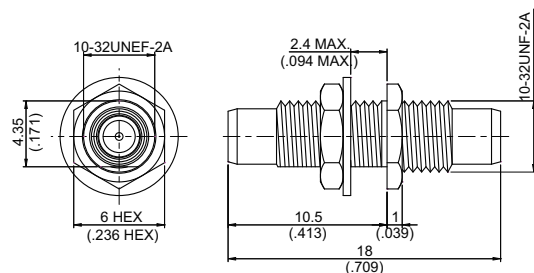
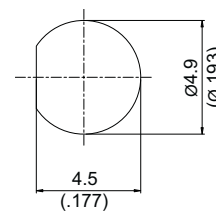


Figure 10



M.H. 1

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR							
UHF JACK TO UHF JACK												
AD-M8M8	1		C2-C2		300Mhz							
					1.20							
SMC PLUG TO SMC PLUG												
AD-MC3MC3	2		B4-B4		1GHz	2GHz	3GHz	4~6GHz				
					1.02	1.06	1.09	1.14				
SMC PLUG TO SMC JACK RIGHT ANGLE												
AL-MC3MC8	3		B4-A1		1GHz	2~4GHz		5~6GHz				
					1.14	1.23		1.36				
SMC JACK TO SMC JACK												
AD-MC8MC8	4		A1-A1	Epoxy Captivation	1~3GHz	4GHz	5GHz	6~8GHz				
					1.05	1.06	1.09	1.18				
SMC JACK TO SMC JACK FOR BULKHEAD												
AD-MC8MC8-BF	10	1	A1-A1		1Ghz	2Ghz	3~4GHz	5GHz				
					1.02	1.08	1.1	1.22				
MHV PLUG TO MHV PLUG												
AD-H3H3	5		A11-A11									
MHV JACK TO MHV JACK												
AD-H8H8	6		C2-C2		300Mhz							
					1.20							
3.5 PLUG TO 3.5 PLUG												
AD-PC3PC3	7		B6-B6		1~2GHz	3GHz	4~11GHz	12~21GHz	22~35GHz	36GHz	37GHz	38~40GHz
					1.02	1.05	1.07	1.10	1.13	1.19	1.26	1.27
3.5 PLUG TO 3.5 JACK												
AD-PC3PC8	5		B6-B3		1~2GHz	3GHz	4~8GHz	9~24GHz	25~26GHz	27~33GHz		
					1.02	1.03	1.06	1.10	1.12	1.17		
3.5 JACK TO 3.5 JACK												
AD-PC8PC8	6		B1-B1		1~2GHz	3GHz	4~7GHz	8GHz	9~11GHz			
					1.03	1.05	1.06	1.09	1.10			
					12~20GHz	21~25GHz	26~28GHz	29GHz	30~40GHz			
					1.11	1.15	1.16	1.21	1.28			

Material & Plating: See Page 374

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ADAPTORS

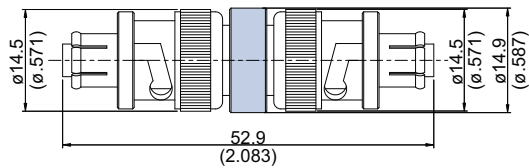


Figure 1.

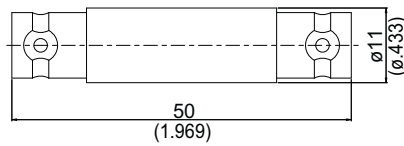


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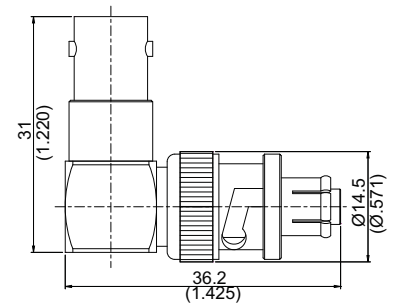


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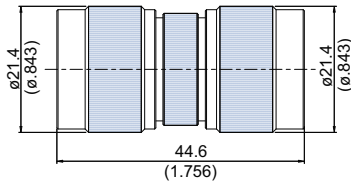


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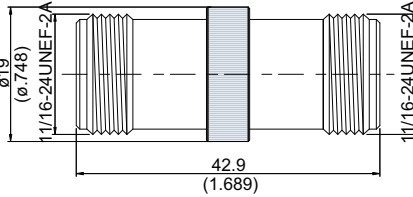


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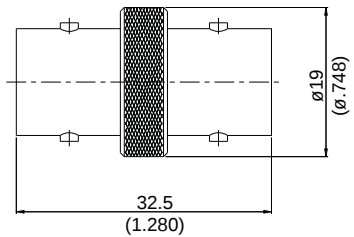


Figure 6.

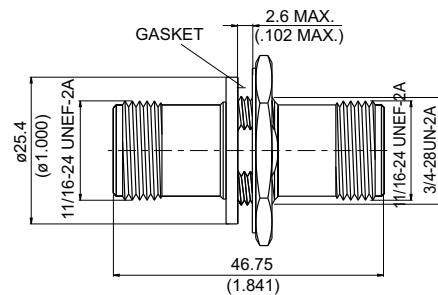


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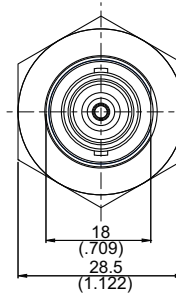
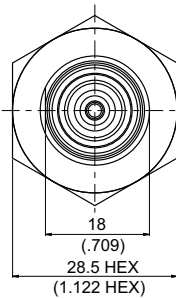
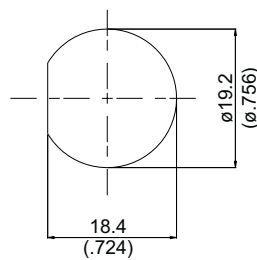
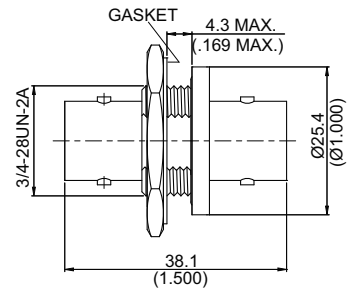


Figure 8.



M.H. 8

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR		
SHV PLUG TO SHV PLUG							
AD-V3V3	1		B11-B11		300MHz		
					1.19		
SHV JACK TO SHV JACK							
AD-V8V8	2		A2-A2		300MHz		
					1.05		
SHV PLUG TO SHV JACK RIGHT ANGLE							
AL-V3V8	3		B11-A2				
SC PLUG TO SC PLUG							
ADS-SC3SC3	4		A6-A6	Stainless			
SC JACK TO SC JACK FOR BULKHEAD							
ADS-SC8SC8-BF	7	8	C3-C3	Stainless			
SC JACK TO SC JACK							
ADS-SC8SC8	5		B3-B3	Stainless			
C JACK TO C JACK							
AD-C8C8	6		C17-C17		1~2GHz	3GHz	4~5GHz
					1.08	1.23	1.3
C JACK TO C JACK FOR BULKHEAD							
AD-C8C8-BF	8	8	B17-B17				

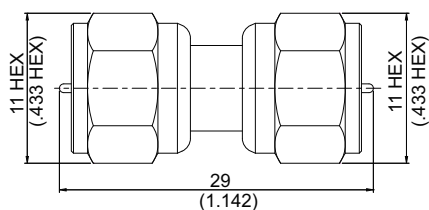


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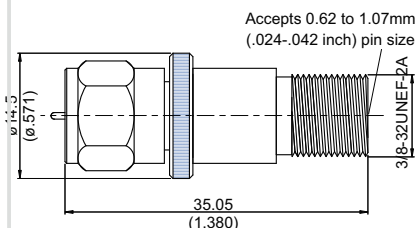


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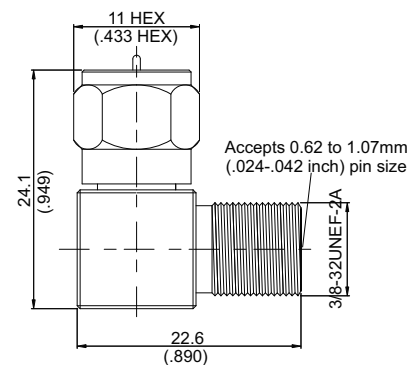


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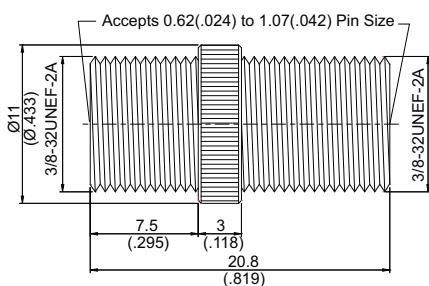


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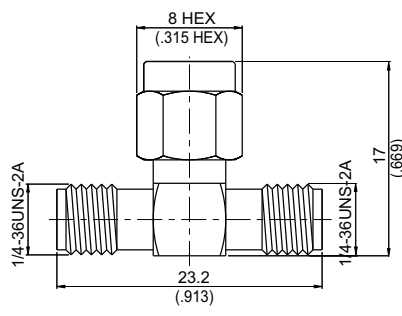


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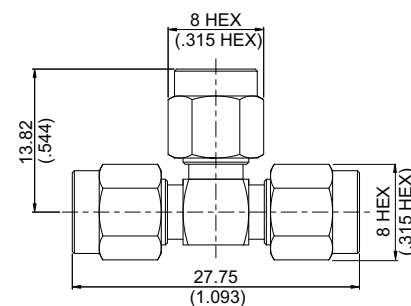


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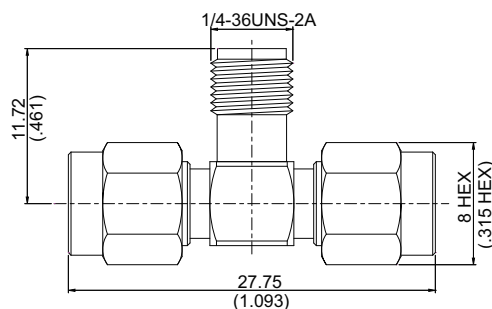


Figure 7.

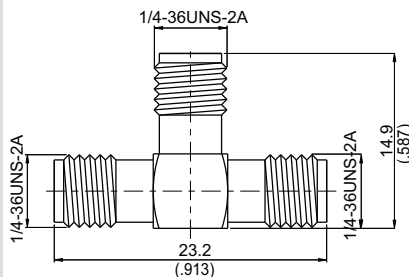


Figure 8.

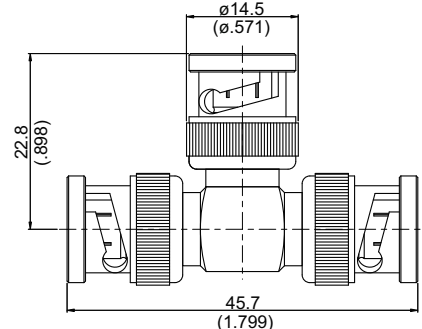


Figure 9

PART NUMBER	Fig.	Material	Remarks	Typical VSWR		
F PLUG TO F PLUG						
AD-F3F3	1	A11-A11	75 Ω			
F PLUG TO F JACK						
AD-F3F8	2	A11-C2	75 Ω	1GHz		2GHz
				1.22		1.32
F PLUG TO F JACK RIGHT ANGLE						
AL-F3F8	3	A11-C2	75 Ω	1GHz		
				1.2		
F JACK TO F JACK						
AD-F8F8	4	C2-C2	75 Ω	1GHz		2GHz
				1.11		1.16
				1.27		
SMA JACK TO SMA PLUG TO SMA JACK						
AT-A8A3A8	5	B1-A4-B1	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		
ATSG-A8A3A8	5	B14-A15-B14	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		
SMA PLUG TO SMA PLUG TO SMA PLUG						
AT-A3A3A3	6	A4-A4-A4	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		
SMA PLUG TO SMA JACK TO SMA PLUG						
AT-A3A8A3	7	A4-B1-A4	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		
SMA JACK TO SMA JACK TO SMA JACK						
AT-A8A8A8	8	B1-B1-B1	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		
BNC PLUG TO BNC PLUG TO BNC PLUG						
AT-B3B3B3	9	A11-A11-A11	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω		

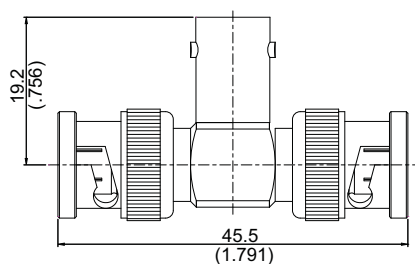


Figure 1.

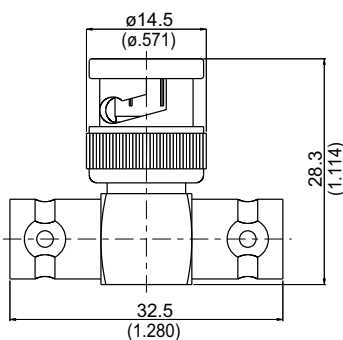


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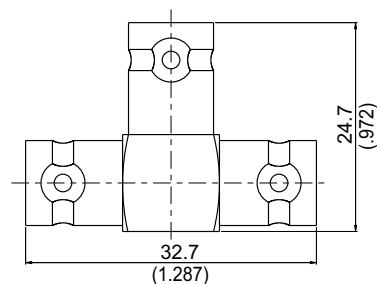


Figure 3.

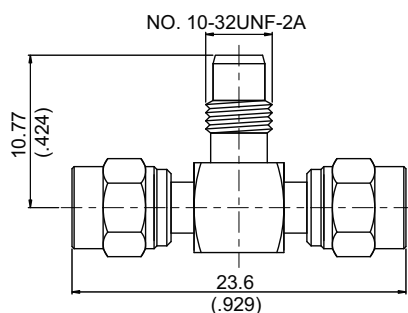


Figure 4.

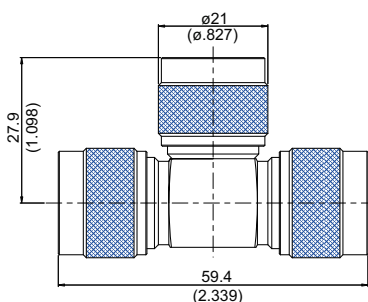


Figure 5.

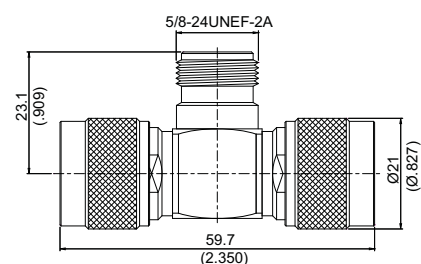


Figure 6.

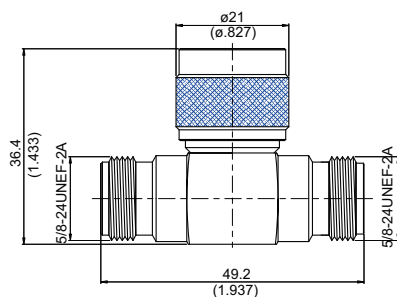


Figure 7.

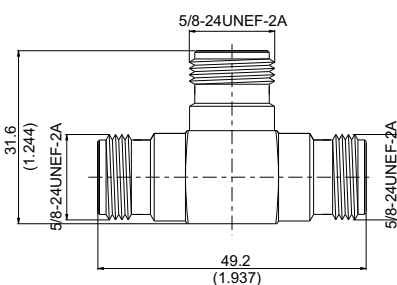


Figure 8.

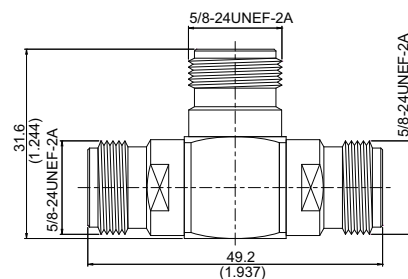


Figure 9

PART NUMBER	Fig.	Material	Remarks	Typical VSWR
BNC PLUG TO BNC JACK TO BNC PLUG				
AT-B3B8B3	1	A11-C2-A11	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
BNC JACK TO BNC PLUG TO BNC JACK				
AT-B8B3B8	2	C2-A11-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
AT-B8B3B8-75	2	C2-A11-C2	75 Ω	
BNC JACK TO BNC JACK TO BNC JACK				
AT-B8B8B8	3	C2-C2-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
AT-B8B8B8-75	3	C2-C2-C2	75 Ω	
SMC PLUG TO SMC JACK TO SMC PLUG				
AT-MC3MC8MC3	4	B4-A1-B4	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
N PLUG TO N PLUG TO N PLUG				
AT-N3N3N3	5	A11-A11-A11	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
N PLUG TO N JACK TO N PLUG				
AT-N3N8N3	6	A11-C2-A11	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
N JACK TO N PLUG TO N JACK				
AT-N8N3N8	7	C2-A11-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
N JACK TO N JACK TO N JACK				
AT-N8N8N8	8	C2-C2-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
AT-N8N8N8-75	9	C2-C2-C2	75 Ω	

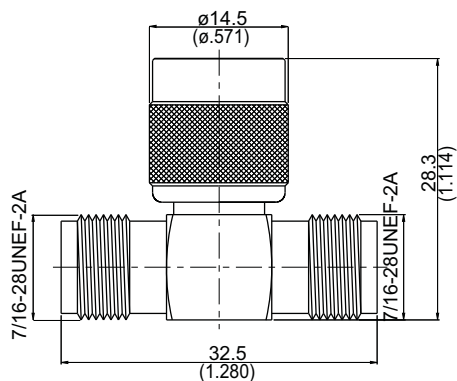


Figure 1.

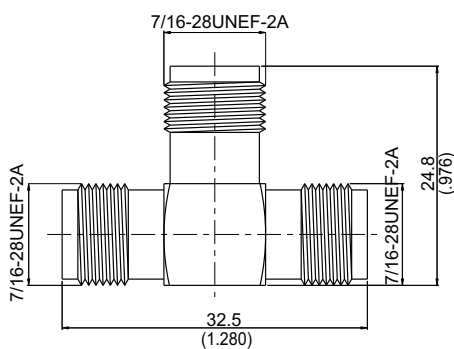


Figure 2.

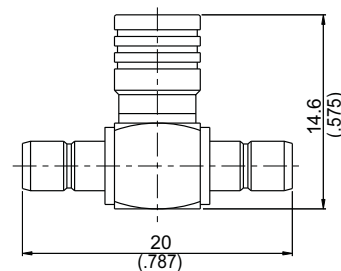


Figure 3.

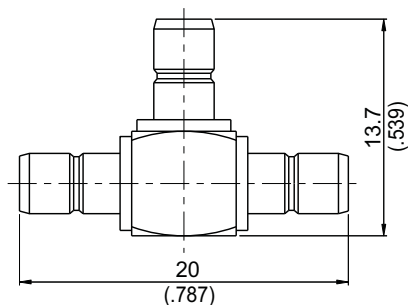


Figure 4.

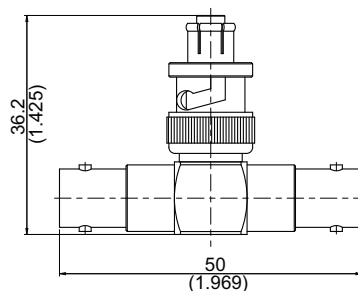


Figure 5.

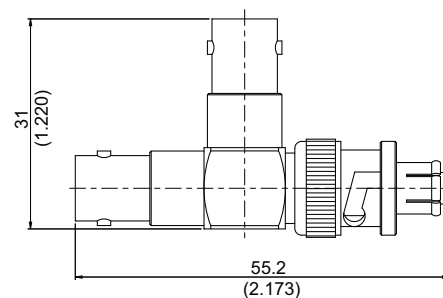


Figure 6.

PART NUMBER	Fig.	Material	Remarks	Typical VSWR
TNC JACK TO TNC PLUG TO TNC JACK				
AT-T8T3T8	1	C2-A11-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
AT-T8T3T8-75	1	C2-A11-C2	75 Ω	
TNC JACK TO TNC JACK TO TNC JACK				
AT-T8T8T8	2	C2-C2-C2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
AT-T8T8T8-75	2	C2-C2-C2	75 Ω	
SMB JACK TO SMB PLUG TO SMB JACK				
AT-S8S3S8	3	A1-B1-A1	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
SMB JACK TO SMB JACK TO SMB JACK				
AT-S8S8S8	4	A1-A1-A1	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
SHV JACK TO SHV PLUG TO SHV JACK				
AT-V8V3V8	5	A2-B11-A2	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω
SHV JACK TO SHV JACK TO SHV PLUG				
AT-V8V8V3	6	A2-A2-B11	50 Ω	T-adaptor is a non-matched 3 dB divider for low frequency applications.VSWR ≥ 2 when terminated 50Ω

BETWEEN SERIES ADAPTOR LIST

Series	PART NUMBER	Page
1.85 PLUG TO		
2.4 PLUG	ADS-1.85/3-2.4/3	246
2.4 JACK	ADS-1.85/3-2.4/8	246
3.5 PLUG	ADS-PC3-1.85/3	261
3.5 JACK	ADS-PC8-1.85/3	262
K PLUG	ADS-K3-1.85/3	259
K JACK	ADS-K8-1.85/3	259
SMA PLUG	ADS-A3-1.85/3	247
SMA JACK	ADS-A8-1.85/3	247
1.85 JACK TO		
2.4 PLUG	ADS-1.85/8-2.4/3	246
2.4 JACK	ADS-1.85/8-2.4/8	246
3.5 PLUG	ADS-PC3-1.85/8	262
3.5 JACK	ADS-PC8-1.85/8	262
K PLUG	ADS-K3-1.85/8	259
K JACK	ADS-K8-1.85/8	260
SMA PLUG	ADS-A3-1.85/8	247
SMA JACK	ADS-A8-1.85/8	247
2.4 PLUG TO		
1.85 PLUG	ADS-1.85/3-2.4/3	246
1.85 JACK	ADS-1.85/8-2.4/3	246
3.5 PLUG	ADS-PC3-2.4/3	262
3.5 JACK	ADS-PC8-2.4/3	262
K PLUG	ADS-K3-2.4/3	260
K JACK	ADS-K8-2.4/3	260
N PLUG	ADS-N3-2.4/3	263
N JACK	ADS-N8-2.4/3	263
PC7	ADS-PC7-2.4/3	262
SMA PLUG	ADS-A3-2.4/3	247
SMA JACK	ADS-A8-2.4/3	247
SMP PLUG	ADS-PS3-2.4/3	259
	ADS-PL3-2.4/3	259
	ADS-PF3-2.4/3	259
SMP JACK	ADS-P8-2.4/3	259
SMPM PLUG	ADS-PMS3-2.4/3	258
	ADS-PMF3-2.4/3	258
SMPM JACK	ADS-PM8-2.4/3	258
2.4 JACK TO		
1.85 PLUG	ADS-1.85/3-2.4/8	246
1.85 JACK	ADS-1.85/8-2.4/8	246
3.5 PLUG	ADS-PC3-2.4/8	262
3.5 JACK	ADS-PC8-2.4/8	262
K PLUG	ADS-K3-2.4/8	260
K JACK	ADS-K8-2.4/8	260
N PLUG	ADS-N3-2.4/8	263
N JACK	ADS-N8-2.4/8	263
PC7	ADS-PC7-2.4/8	262
SMA PLUG	ADS-A3-2.4/8	247
SMA JACK	ADS-A8-2.4/8	247
SMP PLUG	ADS-PS3-2.4/8	259
	ADS-PL3-2.4/8	259
	ADS-PF3-2.4/8	259
SMP JACK	ADS-P8-2.4/8	259
SMPM PLUG	ADS-PMS3-2.4/8	259
	ADS-PMF3-2.4/8	259
SMPM JACK	ADS-PM8-2.4/8	259
3.5 PLUG TO		
1.85 PLUG	ADS-PC3-1.85/3	261
1.85 JACK	ADS-PC3-1.85/8	262
2.4 PLUG	ADS-PC3-2.4/3	262
2.4 JACK	ADS-PC3-2.4/8	262
K PLUG	ADS-K3PC3	260
K JACK	ADS-K8PC3	260
N PLUG	ADS-N3PC3	263
N JACK	ADS-N8PC3	264
PC7	AD-PC3PC7	252
SMA PLUG	ADS-A3PC3	248
SMA JACK	ADS-A8PC3	248
3.5 JACK TO		
1.85 PLUG	ADS-PC8-1.85/3	262
1.85 JACK	ADS-PC8-1.85/8	262
2.4 PLUG	ADS-PC8-2.4/3	262
2.4 JACK	ADS-PC8-2.4/8	262
K PLUG	ADS-K3PC8	260
K JACK	ADS-K8PC8	260
N PLUG	ADS-N3PC8	264
N JACK	ADS-N8PC8	264
SMA PLUG	ADS-A3PC8	248
SMA JACK	ADS-A8PC8	248
7/16 PLUG TO		
N PLUG	AD-N3DI3	265
N JACK	AD-N8DI3	265

Series	PART NUMBER	Page
SMA JACK	AD-A8DI3	255
7/16 JACK TO		
C PLUG	AD-C3DI8	274
C PLUG(90°)	AL-C3DI8	274
N PLUG	AD-N3DI8	265
N PLUG(90°)	AL-N3DI8	265
N JACK	AD-N8DI8	265
BMA PLUG TO		
BNC JACK (P)	AD-B8J3-P2	271
SMA PLUG	ADS-A3J3	246
SMA JACK	ADS-A8J3	246
	ADS-A8J3-CLIP	246
N JACK	AD-J3N8-BF	266
BMA PLUG FOR BULKHEAD TO		
SMA JACK	ADS-A8J3-BF	246
BMA JACK TO		
BNC JACK (P)	AD-B8J8-P2	271
SMA PLUG	ADS-A3J8	246
SMA JACK	ADS-A8J8	246
BMA JACK FOR BULKHEAD TO		
SMA JACK	ADS-A8J8-BF	247
BMC JACK TO		
SMA JACK(P)	ADS-A8G8-P2	253
BNC PLUG TO		
F PLUG	AD-B3F3	271
F JACK	AD-B3F8	271
MCX JACK	AD-B3D8	271
MINI UHF JACK	AD-B3MU8	272
MMCX PLUG(B)	ADNP-E3B3-BFA	275
N PLUG	AD-N3B3	264
	AD-N3B3-75	264
N JACK	AD-N8B3	264
	AD-N8B3-75	264
SMA PLUG	AD-A3B3	253
SMA JACK	AD-A8B3	254
	ADS-A8B3	254
SMB PLUG	AD-B3S3	272
SMB JACK	AD-B3S8	272
SMC PLUG	AD-MC3B3	275
SMC JACK	AD-MC8B3	275
SSMB PLUG	AD-B3SB3	273
SSMB JACK	AD-B3SB8	273
TNC PLUG	AD-B3T3	273
TNC JACK	AD-B3T8A	273
UHF JACK	AD-B3M8	272
BNC JACK TO		
BMA PLUG (P)	AD-B8J3-P2	271
BMA JACK (P)	AD-B8J8-P2	271
F PLUG	AD-B8F3	271
F JACK	AD-B8F8	271
MCX PLUG	AD-B8D3	271
MCX JACK	AD-B8D8	271
MINI UHF PLUG	AD-B8MU3	272
MINI RCA PLUG	AD-B8MRCA3	272
N PLUG	AD-N3B8	264
	AD-N3B8-75	264
N JACK	AD-N8B8	264
N JACK(P)	AD-N8B8-P4	265
PAL JACK(B)	AD-B8PA8-BF	272
SMA PLUG	AD-A3B8	254
SMA PLUG(R)	AD-A6B8	254
SMA JACK(R)	AD-A9B8	254
SMA JACK	AD-A8B8	254
SMA JACK(P)	AD-A8B8-P4	254
SMB PLUG	AD-B8S3	273
	AD-B8S3-75	273
SMB JACK	AD-B8S8	273
SMC PLUG	AD-MC3B8	275
SMC JACK	AD-MC8B8	275
SSMB PLUG	AD-B8SB3	273
SSMB JACK	AD-B8SB8	273
TNC PLUG	AD-B8T3	273
	AD-B8T3-75	273
TNC JACK	AD-B8T8	274
UHF PLUG	AD-B8M3	272
UHF JACK	AD-B8M8	272
BNC JACK FOR BULKHEAD TO		
SMA JACK	AD-A8B8-BF	254
C PLUG TO		
7/16 JACK	AD-C3DI8	274

Series	PART NUMBER	Page
7/16 JACK(90°)	AL-C3DI8	274
N JACK	AD-C3N8	274
C JACK TO		
N PLUG	AD-C8N3	274
N JACK	AD-C8N8	274
F PLUG TO		
BNC PLUG	AD-B3F3	271
BNC JACK	AD-B8F3	271
N PLUG	AD-N3F3	266
N JACK	AD-N8F3	266
F JACK TO		
BNC PLUG	AD-B3F8	271
BNC JACK	AD-B8F8	271
MCX PLUG	AD-D3F8	275
N PLUG	AD-N3F8	266
	AD-N3F8-50/75	266
N JACK	AD-N8F8	266
SMB PLUG	AD-S3F8-M	274
SMB JACK	AD-S8F8-S	274
FME PLUG TO		
N PLUG	AD-N3FME3	266
SMA PLUG	AD-A3FME3	258
SMA PLUG (R)	AD-A6FME3	258
SMA PLUG(90°)	AL-A3FME3	258
FME JACK TO		
N PLUG	AD-N3FME8	266
N JACK	AD-N8FME8	266
SMA JACK	AD-A8FME8	258
HDTV BNC TO		
N PLUG	AD-N3BH8-75	264
HN PLUG TO		
N PLUG	AD-N3HN3	266
N JACK	AD-N8HN3	267
HN JACK TO		
N JACK	AD-N8HN8	267
IPEX PLUG TO		
SMA JACK	AD-A8IP3	256
IPEX JACK TO		
SMA PLUG	AD-A3IP8	256
K PLUG TO		
1.85 PLUG	ADS-K3-1.85/3	259
1.85 JACK	ADS-K3-1.85/8	259
2.4 PLUG	ADS-K3-2.4/3	260
2.4 JACK	ADS-K3-2.4/8	260
3.5 PLUG	ADS-K3PC3	260
3.5 JACK	ADS-K3PC8	260
N PLUG	ADS-N3K3	263
N JACK	ADS-N8K3	263
SMA PLUG	ADS-A3K3	247
SMA JACK	ADS-A8K3	248
SMP PLUG	ADS-K3PS3	261
	ADS-K3PL3	261
	ADS-K3PF3	261
SMP JACK	ADS-K3P8	261
SMPM PLUG	ADS-K3PMS3	261
	ADS-K3PMF3	261
SMPM JACK	ADS-K3PM8	261
K JACK TO		
1.85 PLUG	ADS-K8-1.85/3	259
1.85 JACK	ADS-K8-1.85/8	260
2.4 PLUG	ADS-K8-2.4/3	260
2.4 JACK	ADS-K8-2.4/8	260
3.5 PLUG	ADS-K8PC3	260
3.5 JACK	ADS-K8PC8	260
N PLUG	ADS-N3K8	263
N JACK	ADS-N8K8	263
SMA PLUG	ADS-A3K8	248
SMA JACK	ADS-A8K8	248
SMP PLUG	ADS-K8PS3	261
	ADS-K8PL3	261
	ADS-K8PF3	261
SMP JACK	ADS-K8P8	261
SMPM PLUG	ADS-K8PMS3	261
	ADS-K8PMF3	261
SMPM JACK	ADS-K8PM8	261
LC JACK TO		

Note: (90°)= RIGHT ANGLE; (B)= BULKHEAD; (P)= PANEL RECEPTACLE; (R)= REVERSE POLARITY; (T)= T ADAPTOR.

For example: PLUG(R) TO JACK(B) Means Reverse Polarity Plug To Jack For Bulkhead.

BETWEEN SERIES ADAPTOR LIST

Series	PART NUMBER	Page
N PLUG	AD-N3LC8	267
LC PLUG TO		
N JACK	AD-N8LC3	267
MCX PLUG TO		
BNC JACK	AD-B8D3	271
F JACK	AD-D3F8	275
SMA PLUG	AD-A3D3	254
SMA JACK	AD-A8D3	254
SMA JACK(90°)	AL-A8D3	255
MCX JACK TO		
SMA PLUG	AD-A3D8	254
SMA JACK	AD-A8D8	255
N PLUG	AD-N3D8	265
BNC PLUG	AD-B3D8	271
BNC JACK	AD-B8D8	271
MINI UHF PLUG TO		
BNC JACK	AD-B8MU3	272
N JACK	AD-N8MU3	267
SMA PLUG	AD-A3MU3	255
SMA JACK	AD-A8MU3	255
MINI UHF JACK TO		
BNC PLUG	AD-B3MU8	272
SMA PLUG	AD-A3MU8	255
SMA JACK	AD-A8MU8	256
MINI RCA PLUG TO		
BNC JACK	AD-B8MRCA3	272
MMCX PLUG TO		
SMA PLUG	AD-A3E3	255
SMA JACK	AD-A8E3	255
MMCX PLUG FOR BULKHEAD TO		
BNC PLUG	ADNP-E3B3-BFA	275
MMCX JACK TO		
SMA PLUG	AD-A3E8	255
SMA JACK	AD-A8E8	255
N PLUG TO		
2.4 PLUG	ADS-N3-2.4/3	263
2.4 JACK	ADS-N3-2.4/8	263
3.5 PLUG	ADS-N3PC3	263
3.5 JACK	ADS-N3PC8	264
7/16 PLUG	AD-N3DI3	265
7/16 JACK	AD-N3DI8	265
7/16 JACK(90°)	AL-N3DI8	265
BNC PLUG	AD-N3B3	264
	AD-N3B3-75	264
BNC JACK	AD-N3B8	264
	AD-N3B8-75	264
BNC JACK(R)	AD-N3B9	264
C JACK	AD-C8N3	274
F PLUG	AD-N3F3	266
F JACK	AD-N3F8	266
	AD-N3F8-50/75	266
FME PLUG	AD-N3FME3	266
FME JACK	AD-N3FME8	266
HDTV BNC JACK	AD-N3BH8-75	264
HN PLUG	AD-N3HN3	266
K PLUG	ADS-N3K3	263
K JACK	ADS-N3K8	263
LC JACK	AD-N3LC8	267
MCX JACK	AD-N3D8	265
PC7	AD-N3PC7-18	264
SC PLUG	AD-N3SC3	269
SC JACK	AD-N3SC8	269
SMA PLUG	ADS-A3N3	249
	AD-A3N3	249
	AD-A3N3-18	249
	ADS-A3NA3-18	249
SMA PLUG (90°)	AL-A3N3	250
SMA PLUG(R)	AD-A6N3	249
SMA PLUG(P)	AD-A3N3-P4	250
SMA JACK	ADS-A8N3	251
	AD-A8N3	251
	AD-A8N3-18	251
	AD-A8N3A-18	251
	AD-A8N3A-18SH	251
	AD-A8N3-26	251
SMA JACK (R)	AD-A9N3	251
SMA JACK(P)	AD-A8N3-P4	251
	ADS-A8N3-P4	251
SMB PLUG	AD-N3S3	268
SMB JACK	AD-N3S8	268

Series	PART NUMBER	Page
	AD-N3S8-75	268
SSMA PLUG	AD-N3SA3	268
SSMA JACK	AD-N3SA8	268
TNC PLUG	AD-N3T3	269
	AD-N3T3-75	269
	AD-N3T3-18	269
	ADS-N3T3-18	269
TNC PLUG(90°)	ALS-N3T3	269
TNC PLUG(R)	AD-N3T6	269
TNC JACK	AD-N3T8	269
	AD-N3T8-75	269
	AD-N3T8-18	270
	ADS-N3T8-18	270
TNC JACK(90°)	ALS-N3T8	270
TNC JACK (R)	AD-N3T9	269
UHF PLUG	AD-N3M3	267
UHF JACK	AD-N3M8	267
N JACK TO		
2.4 PLUG	ADS-N8-2.4/3	263
2.4 JACK	ADS-N8-2.4/8	263
3.5 PLUG	ADS-N8PC3	264
3.5 JACK	ADS-N8PC8	264
7/16 PLUG	AD-N8DI3	265
7/16 JACK	AD-N8DI8	265
BNC PLUG	AD-N8B3	264
	AD-N8B3-75	264
BNC JACK	AD-N8B8	264
BNC JACK (P)	AD-N8B8-P4	265
C PLUG	AD-C3N8	274
C JACK	AD-C8N8	274
F PLUG	AD-N8F3	266
F JACK	AD-N8F8	266
FME JACK	AD-N8FME8	266
HN PLUG	AD-N8HN3	267
HN JACK	AD-N8HN8	267
K PLUG	ADS-N8K3	263
K JACK	ADS-N8K8	263
LC PLUG	AD-N8LC3	267
MINI UHF PLUG	AD-N8MU3	267
PC7	AD-N8PC7-18	264
SC PLUG	AD-N8SC3	269
SC JACK	AD-N8SC8	269
SHV PLUG	AD-N8V3	270
SMA PLUG	ADS-A3N8	250
	AD-A3N8	250
	AD-A3N8-18	250
	AD-A3N8-26	250
SMA PLUG(90°)	AL-A3N8	250
SMA PLUG(P)	AD-A3N8-P4	250
SMA PLUG(R)	AD-A6N8	250
SMA JACK	ADS-A8N8	251
	AD-A8N8	251
	AD-A8N8-18	251
	ADS-A8N8-18A	251
	AD-A8N8-26	251
SMA JACK(P)	ADS-A8N8-P4	252
	AD-A8N8-P4	252
	AD-A8N8L-P4	252
SMB PLUG	AD-N8S3	268
SMB PLUG(90°)	AL-N8S3	268
SMB JACK	AD-N8S8	268
SSMA PLUG	AD-N8SA3	268
SSMA JACK	AD-N8SA8	268
TNC PLUG	AD-N8T3	270
	ADS-N8T3-18	270
TNC PLUG(90°)	ALS-N8T3	270
TNC PLUG(R)	AD-N8T6	270
TNC JACK	AD-N8T8	270
	ADS-N8T8-18	270
TNC JACK (90°)	ALS-N8T8	270
UHF PLUG	AD-N8M3	267
UHF JACK	AD-N8M8	267
N JACK FOR BULKHEAD TO		
BMA PLUG	AD-J3N8-BF	266
SMA PLUG	AD-A3N8-BF-18	250
SMA JACK	AD-A8N8-BF	252
	AD-A8N8-BFC	252
	AD-A8N8-BF-18	252
	ADS-A8N8-BF-18	252
	ADS-A8N8-BF-18A	252
PAL JACK FOR BULKHEAD TO		
BNC JACK	AD-B8PA8-BF	272
PC7 TO		
2.4 PLUG	ADS-PC7-2.4/3	262
2.4 JACK	ADS-PC7-2.4/8	262
3.5 PLUG	AD-PC3PC7	252
N PLUG	AD-N3PC7-18	264
N JACK	AD-N8PC7-18	264

Series	PART NUMBER	Page
SMA PLUG	AD-A3PC7	252
SMA JACK	AD-A8PC7	252
TNC PLUG	AD-PC7T3-18	274
TNC JACK	AD-PC7T8-18	274
REVERSE POLARITY BNC JACK TO		
N PLUG	AD-N3B9	264
REVERSE POLARITY N PLUG TO		
SMA JACK	AD-A8N6	251
REVERSE POLARITY N JACK TO		
SMA JACK	AD-A8N9	251
REVERSE POLARITY SMA PLUG TO		
BNC JACK	AD-A6B8	254
FME PLUG	AD-A6FME3	258
N PLUG	AD-A6N3	249
N JACK	AD-A6N8	250
REVERSE POLARITY SMA JACK TO		
BNC JACK	AD-A9B8	254
N PLUG	AD-A9N3	251
TNC PLUG (R)	AD-A9T6	257
REVERSE POLARITY TNC PLUG TO		
N PLUG	AD-N3T6	269
N JACK	AD-N8T6	270
SMA JACK (R)	AD-A9T6	257
SMA PLUG	AD-A3T6	257
SMA JACK	AD-A8T6	257
REVERSE POLARITY TNC JACK TO		
N PLUG	AD-N3T9	269
SMA PLUG	AD-A3T9	257
SMA JACK	AD-A8T9	257
SC PLUG TO		
N PLUG	AD-N3SC3	269
N JACK	AD-N8SC3	269
SC JACK TO		
N PLUG	AD-N3SC8	269
N JACK	AD-N8SC8	269
SHV PLUG TO		
N JACK	AD-N8V3	270
SMA PLUG TO		
1.85 PLUG	ADS-A3-1.85/3	247
1.85 JACK	ADS-A3-1.85/8	247
2.4 PLUG	ADS-A3-2.4/3	247
2.4 JACK	ADS-A3-2.4/8	247
3.5 PLUG	ADS-A3PC3	248
3.5 JACK	ADS-A3PC8	248
BMA PLUG	ADS-A3J3	246
BMA JACK	ADS-A3J8	246
BNC PLUG	AD-A3B3	253
BNC JACK	AD-A3B8	254
FME PLUG	AD-A3FME3	258
FME PLUG (90°)	AL-A3FME3	258
IPEX JACK	AD-A3IP8	256
K PLUG	ADS-A3K3	247
K JACK	ADS-A3K8	248
MCX PLUG	AD-A3D3	254
MCX JACK	AD-A3D8	254
MINI UHF PLUG	AD-A3MU3	255
MINI UHF JACK	AD-A3MU8	255
MMCX PLUG	AD-A3E3	255
MMCX JACK	AD-A3E8	255
N PLUG	ADS-A3N3	249
	AD-A3N3	249
	AD-A3N3-18	249
	ADS-A3NA3-18	249
N PLUG (90°)	AL-A3N3	250
N PLUG (P)	AD-A3N3-P4	250
N JACK	ADS-A3N8	250
	AD-A3N8	250
	AD-A3N8-18	250
	AD-A3N8-26	250
N JACK (90°)	AL-A3N8	250
N JACK(P)	AD-A3N8-P4	250
N JACK (B)	AD-A3N8-BF-18	250
PC7	AD-A3PC7	252
SMB PLUG	AD-A3S3	256
SMB JACK	AD-A3S8	256
SMP PLUG	ADS-A3PS3	248
	ADS-A3PL3	248
	ADS-A3PF3	248
SMP JACK	ADS-A3P8	249

Note: (90°)= RIGHT ANGLE; (B)= BULKHEAD; (P)= PANEL RECEPTACLE; (R)= REVERSE POLARITY; (T)= T ADAPTOR.

For example: PLUG(R) TO JACK(B) Means Reverse Polarity Plug To Jack For Bulkhead.

BETWEEN SERIES ADAPTOR LIST

Series	PART NUMBER	Page
SMPM PLUG	ADS-A3PMS3	249
	ADS-A3PMF3	249
SMPM JACK	ADS-A3PM8	249
SSMA PLUG	AD-A3SA3	253
SSMA JACK	AD-A3SA8	253
SSMB JACK	AD-A3SB8	256
TNC PLUG	AD-A3T3	256
	AD-A3T3-18	257
TNC PLUG(R)	AD-A3T6	257
TNC JACK	AD-A3T8	257
	AD-A3T8-18	257
TNC JACK (R)	AD-A3T9	257
SMA JACK TO		
1.85 PLUG	ADS-A8-1.85/3	247
1.85 JACK	ADS-A8-1.85/8	247
2.4 PLUG	ADS-A8-2.4/3	247
2.4 JACK	ADS-A8-2.4/8	247
3.5 PLUG	ADS-A8PC3	248
3.5 JACK	ADS-A8PC8	248
7/16 PLUG	AD-A8DI3	255
BMA PLUG	ADS-A8J3	246
	ADS-A8J3-CLIP	246
BMA PLUG(B)	ADS-A8J3-BF	246
BMA JACK	ADS-A8J8	246
BMA JACK(B)	ADS-A8J8-BF	247
BMC JACK(P)	ADS-A8G8-P2	253
BNC PLUG	AD-A8B3	254
	ADS-A8B3	254
BNC JACK	AD-A8B8	254
BNC JACK(B)	AD-A8B8-BF	254
BNC JACK(P)	AD-A8B8-P4	254
FME JACK	AD-A8FME8	258
IPEX PLUG	AD-A8IP3	256
K PLUG	ADS-A8K3	248
K JACK	ADS-A8K8	248
MCX PLUG	AD-A8D3	254
MCX PLUG(90°)	AL-A8D3	255
MCX JACK	AD-A8D8	255
MINI UHF PLUG	AD-A8MU3	255
MINI UHF JACK	AD-A8MU8	256
MMCX PLUG	AD-A8E3	255
MMCX JACK	AD-A8E8	255
N PLUG	ADS-A8N3	251
	AD-A8N3	251
	AD-A8N3-18	251
	AD-A8N3A-18	251
	AD-A8N3A-18SH	251
	AD-A8N3-26	251
N PLUG (P)	AD-A8N3-P4	251
	ADS-A8N3-P4	251
N PLUG(R)	AD-A8N6	251
N JACK	ADS-A8N8	251
	AD-A8N8	251
	AD-A8N8-18	251
	ADS-A8N8-18A	251
	AD-A8N8-26	251
N JACK(R)	AD-A8N9	251
N JACK(B)	AD-A8N8-BF	252
	AD-A8N8-BFC	252
	AD-A8N8-BF-18	252
	ADS-A8N8-BF-18	252
	ADS-A8N8-BF-18A	252
N JACK(P)	ADS-A8N8-P4	252
	AD-A8N8-P4	252
	AD-A8N8L-P4	252
PC7	AD-A8PC7	252
SMB PLUG	AD-A8S3	256
	ADS-A8S3	256
SMB PLUG (90°)	AL-A8S3	256
SMB JACK	AD-A8S8	256
SMC PLUG	AD-A8MC3	253
SMC JACK	AD-A8MC8	253
SMP PLUG	ADS-A8PS3	248
	ADS-A8PL3	248
	ADS-A8PF3	248
SMP JACK	ADS-A8P8	249
SMPM PLUG	ADS-A8PMS3	249
	ADS-A8PMF3	249
SMPM JACK	ADS-A8PM8	249
SSMA PLUG	AD-A8SA3	253
SSMA JACK	AD-A8SA8	253
SSMB PLUG	AD-A8SB3	253
SSMB JACK	AD-A8SB8	253
TNC PLUG	AD-A8T3	257
	AD-A8T3-18	257
TNC PLUG(R)	AD-A8T6	257
TNC JACK	AD-A8T8	257
	AD-A8T8-18	257
TNC JACK(B)	AD-A8T8-BF	258
TNC JACK (P)	ADS-A8T8-P4A	258
TNC JACK(R)	AD-A8T9	257

Series	PART NUMBER	Page
SMA JACK BULKHEAD TO		
SMP PLUG	ADS-PL3A8-BF	249
SMB PLUG TO		
BNC PLUG	AD-B3S3	272
BNC JACK	AD-B8S3	273
	AD-B8S3-75	273
F JACK	AD-S3F8-M	274
N PLUG	AD-N3S3	268
N JACK	AD-N8S3	268
N JACK(90°)	AL-N8S3	268
SMA PLUG	AD-A3S3	256
SMA JACK	AD-A8S3	256
	ADS-A8S3	256
SMA JACK(90°)	AL-A8S3	256
SMPM JACK	AD-PM8S3	258
SMB JACK TO		
BNC PLUG	AD-B3S8	272
BNC JACK	AD-B8S8	273
F JACK	AD-S8F8-S	274
N PLUG	AD-N3S8	268
	AD-N3S8-75	268
N JACK	AD-N8S8	268
SMA PLUG	AD-A3S8	256
SMA JACK	AD-A8S8	256
SMPM JACK	ADS-PM8S8	258
SMC PLUG TO		
BNC PLUG	AD-MC3B3	275
BNC JACK	AD-MC3B8	275
SMA JACK	AD-A8MC3	253
SMC JACK TO		
BNC PLUG	AD-MC8B3	275
BNC JACK	AD-MC8B8	275
SMA JACK	AD-A8MC8	253
SMP PLUG TO		
2.4 PLUG	ADS-PS3-2.4/3	259
	ADS-PL3-2.4/3	259
	ADS-PF3-2.4/3	259
2.4 JACK	ADS-PS3-2.4/8	259
	ADS-PL3-2.4/8	259
	ADS-PF3-2.4/8	259
K PLUG	ADS-K3PS3	261
	ADS-K3PL3	261
K JACK	ADS-K3PF3	261
	ADS-K8PS3	261
	ADS-K8PL3	261
	ADS-K8PF3	261
SMA PLUG	ADS-A3PS3	248
	ADS-A3PL3	248
	ADS-A3PF3	248
SMA JACK	ADS-A8PS3	248
	ADS-A8PL3	248
	ADS-A8PF3	248
SMA JACK (B)	ADS-PL3A8-BF	249
SMP JACK TO		
2.4 PLUG	ADS-P8-2.4/3	259
2.4 JACK	ADS-P8-2.4/8	259
K PLUG	ADS-K3P8	261
K JACK	ADS-K8P8	261
SMA PLUG	ADS-A3P8	249
SMA JACK	ADS-A8P8	249
SMPM PLUG (Mini SMP) TO		
2.4 PLUG	ADS-PMS3-2.4/3	258
	ADS-PMF3-2.4/3	258
2.4 JACK	ADS-PMS3-2.4/8	259
	ADS-PMF3-2.4/8	259
K PLUG	ADS-K3PMS3	261
	ADS-K3PMF3	261
K JACK	ADS-K8PMS3	261
	ADS-K8PMF3	261
SMA PLUG	ADS-A3PMS3	249
	ADS-A3PMF3	249
SMA JACK	ADS-A8PMS3	249
	ADS-A8PMF3	249
SMPM JACK (Mini SMP) TO		
2.4 PLUG	ADS-PM8-2.4/3	258
2.4 JACK	ADS-PM8-2.4/8	259
SMA PLUG	ADS-A3PM8	249
SMA JACK	ADS-A8PM8	249
SMB PLUG	AD-PM8S3	258
SMB JACK	ADS-PM8S8	258
K PLUG	ADS-K3PM8	261
K JACK	ADS-K8PM8	261

Series	PART NUMBER	Page
SSMA PLUG TO		
N PLUG	AD-N3SA3	268
N JACK	AD-N8SA3	268
SMA PLUG	AD-A3SA3	253
SMA JACK	AD-A8SA3	253
SSMA JACK TO		
N PLUG	AD-N3SA8	268
N JACK	AD-N8SA8	268
SMA PLUG	AD-A3SA8	253
SMA JACK	AD-A8SA8	253
SSMB PLUG TO		
BNC PLUG	AD-B3SB3	273
BNC JACK	AD-B8SB3	273
SMA JACK	AD-A8SB3	253
SSMB JACK TO		
BNC PLUG	AD-B3SB8	273
BNC JACK	AD-B8SB8	273
SMA PLUG	AD-A3SB8	256
SMA JACK	AD-A8SB8	253
TNC PLUG TO		
BNC PLUG	AD-B3T3	273
BNC JACK	AD-B8T3	273
	AD-B8T3-75	273
N PLUG	AD-N3T3	269
	AD-N3T3-75	269
	AD-N3T3-18	269
	ADS-N3T3-18	269
N PLUG(90°)	ALS-N3T3	269
N JACK	AD-N8T3	270
	ADS-N8T3-18	270
N JACK(90°)	ALS-N8T3	270
PC7	AD-PC7T3-18	274
SMA PLUG	AD-A3T3	256
	AD-A3T3-18	257
SMA JACK	AD-A8T3	257
	AD-A8T3-18	257
UHF JACK	AD-T3M8	274
TNC JACK TO		
BNC PLUG	AD-B3T8A	273
BNC JACK	AD-B8T8	274
N PLUG	AD-N3T8	269
	AD-N3T8-75	269
	AD-N3T8-18	270
	ADS-N3T8-18	270
N PLUG(90°)	ALS-N3T8	270
N JACK	AD-N8T8	270
	ADS-N8T8-18	270
N JACK(90°)	ALS-N8T8	270
PC7	AD-PC7T8-18	274
SMA PLUG	AD-A3T8	257
	AD-A3T8-18	257
SMA JACK	AD-A8T8	257
	AD-A8T8-18	257
SMA JACK (P)	AD-A8T8-P4A	258
UHF PLUG	AD-T8M3	275
TNC JACK FOR BULKHEAD		
SMA JACK	AD-A8T8-BF	258
UHF PLUG TO		
BNC JACK	AD-B8M3	272
N PLUG	AD-N3M3	267
N JACK	AD-N8M3	267
TNC JACK	AD-T8M3	275
UHF JACK TO		
BNC PLUG	AD-B3M8	272
BNC JACK	AD-B8M8	272
N PLUG	AD-N3M8	267
N JACK	AD-N8M8	267
TNC PLUG	AD-T3M8	274

Note: (90°)= RIGHT ANGLE; (B)= BULKHEAD; (P)= PANEL RECEPTACLE; (R)= REVERSE POLARITY; (T)= T ADAPTOR.

For example: PLUG(R) TO JACK(B) Means Reverse Polarity Plug To Jack For Bulkhead.

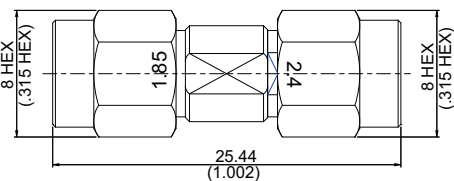


Figure 1.

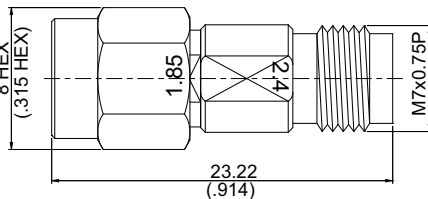


Figure 2.

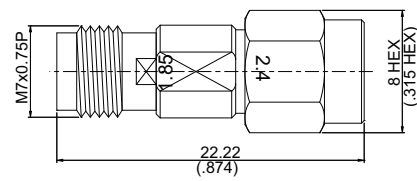


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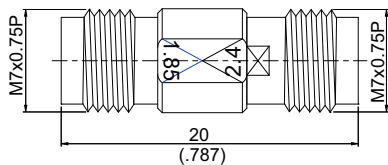


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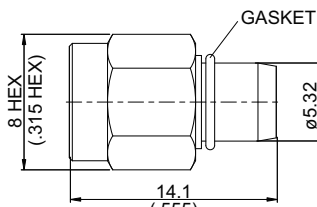


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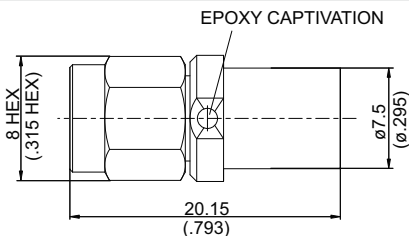


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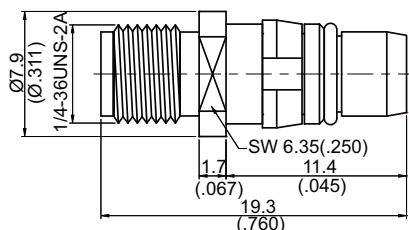


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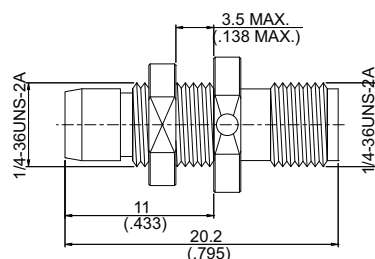


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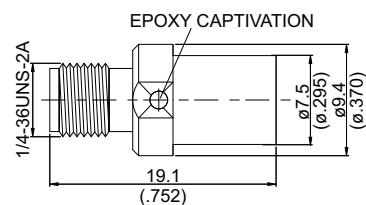


Figure 9.

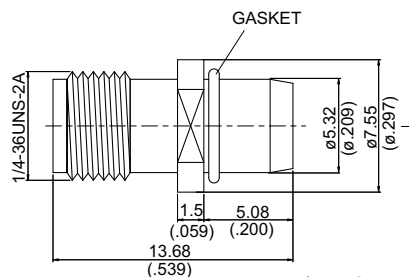
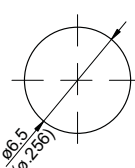
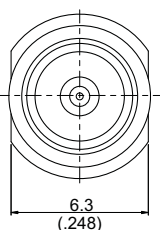
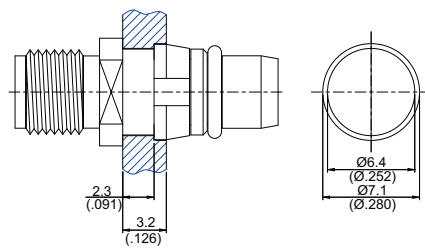


Figure 10.



M.H. 91



M.H. 211.

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR					
1.85 PLUG TO 2.4 PLUG										
ADS-1.85/3-2.4/3	1		B6-B6	Stainless						
1.85 PLUG TO 2.4 JACK										
ADS-1.85/3-2.4/8	2		B6-B3	Stainless						
1.85 JACK TO 2.4 PLUG										
ADS-1.85/8-2.4/3	3		B3-B6	Stainless						
1.85 JACK TO 2.4 JACK										
ADS-1.85/8-2.4/8	4		B3-B3	Stainless						
SMA PLUG TO BMA PLUG										
ADS-A3J3	5		A6-A3	Stainless	1~3GHz	4~11GHz	12~14GHz	15GHz	16~18GHz	
					1.05	1.13	1.20	1.31	1.48	
SMA PLUG TO BMA JACK										
ADS-A3J8	6		B6-B3	Stainless;Epoxy Captivation	1GHz	2GHz	3GHz	4GHz	5GHz	6~9GHz
					1.02	1.03	1.06	1.08	1.09	1.10
					10GHz	11GHz	12GHz	13~15GHz	16~17GHz	18GHz
					1.11	1.16	1.21	1.23	1.25	1.26
SMA JACK TO BMA PLUG										
ADS-A8J3	10		B3-B3	Stainless;Epoxy Captivation	1~2GHz	3~7GHz	8GHz	9~10GHz	11GHz	
					1.04	1.06	1.09	1.12	1.14	
					12~14GHz	15GHz	16GHz	17~18GHz	/	
					1.23	1.26	1.41	1.44	/	
ADS-A8J3-CLIP	7	211	B3-B3	Stainless;Epoxy Captivated Pin	1GHz	2GHz	3~6GHz	7~14GHz		
					1.04	1.06	1.1	1.18		
SMA JACK TO BMA PLUG FOR BULKHEAD										
ADS-A8J3-BF	8	91	B3-B3	Stainless	1~3GHz	4GHz	5GHz	6GHz	7~12GHz	13GHz
					1.02	1.04	1.08	1.13	1.15	1.21
SMA JACK TO BMA JACK										
ADS-A8J8	9		B3-B3	Stainless;Epoxy Captivation	1GHz	2GHz	3~6GHz	7~13GHz	14GHz	15GHz
					1.04	1.06	1.07	1.13	1.21	1.28
									1.28	1.35

Material & Plating: See Page 374

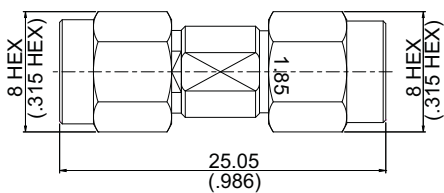


Figure 1.

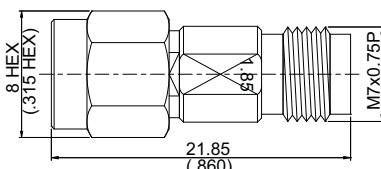


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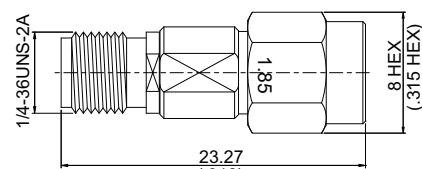


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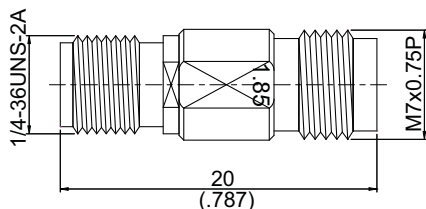


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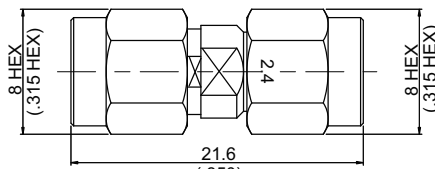


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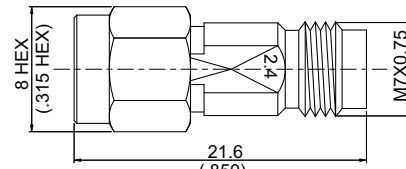


Figure 6.

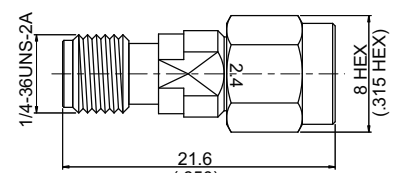


Figure 7

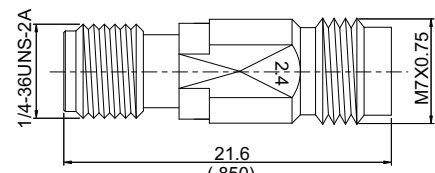


Figure 8.

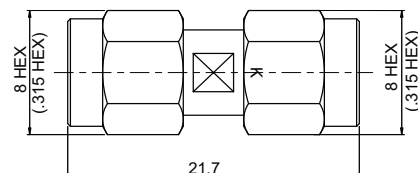


Figure 9.

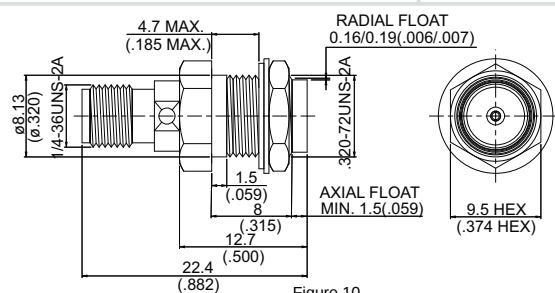
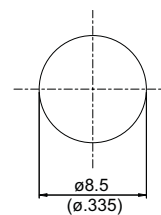


Figure 10.



M.H. 118

PART NUMBER	Fig.	M.H	Material	Remarks	Typical VSWR						
SMA JACK TO BMA JACK FOR BULKHEAD											
ADS-A8J8-BF	10	118	B3-B3	Stainless;Epoxy Captivation	1GHz	2GHz	3~4GHz	5GHz	6GHz		
					1.03	1.04	1.06	1.07	1.12		
					7~10GHz	11GHz	12~16GHz	17GHz	18GHz		
					1.15	1.21	1.27	1.30	1.41		
SMA PLUG TO 1.85 PLUG											
ADS-A3-1.85/3	1		B6-B6	Stainless							
SMA PLUG TO 1.85 JACK											
ADS-A3-1.85/8	2		B6-B3	Stainless							
SMA JACK TO 1.85 PLUG											
ADS-A8-1.85/3	3		B3-B6	Stainless							
SMA JACK TO 1.85 JACK											
ADS-A8-1.85/8	4		B3-B3	Stainless							
SMA PLUG TO 2.4 PLUG											
ADS-A3-2.4/3	5		B6-B6	Stainless	1~2GHz	3GHz	4GHz	5GHz	6~22GHz	23GHz	24~27GHz
					1.02	1.03	1.06	1.08	1.09	1.14	1.19
SMA PLUG TO 2.4 JACK											
ADS-A3-2.4/8	6		B6-B3	Stainless	1~4GHz	5GHz	6GHz	7~17GHz	18GHz	19~28GHz	
					1.03	1.06	1.09	1.11	1.14	1.18	
SMA JACK TO 2.4 PLUG											
ADS-A8-2.4/3	7		B3-B6	Stainless	1~8GHz	9~10GHz	11~14GHz	15GHz	16GHz	17GHz	
					1.03	1.05	1.06	1.10	1.14	1.18	
					18~32GHz	33GHz	34GHz	35GHz	36~40GHz	/	
					1.23	1.26	1.36	1.40	1.41	/	
SMA JACK TO 2.4 JACK											
ADS-A8-2.4/8	8		B3-B3	Stainless	1GHz	2~3GHz	4GHz	5~10GHz	11GHz	12~18GHz	
					1.03	1.04	1.05	1.12	1.14	1.15	
SMA PLUG TO K PLUG											
ADS-A3K3	9		B6-B6	Stainless	1~12GHz	13GHz	14~17GHz	18GHz	19GHz	20~27GHz	
					1.03	1.06	1.07	1.10	1.15	1.21	

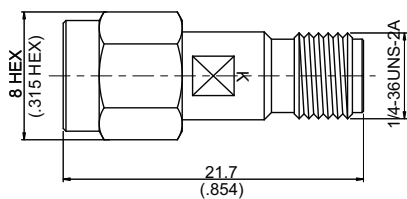


Figure 1.

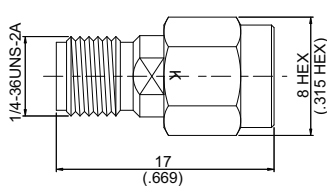


Figure 2.

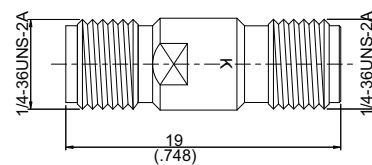


Figure 3.

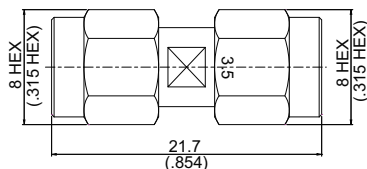


Figure 4.

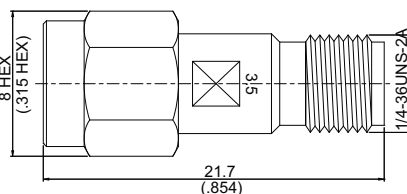


Figure 5.

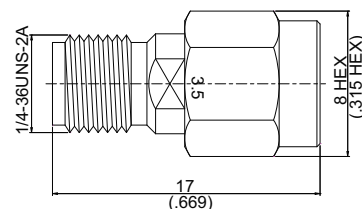


Figure 6.

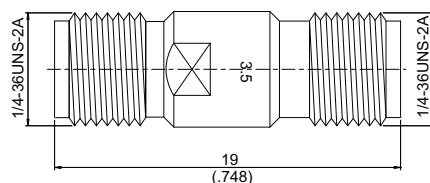


Figure 7

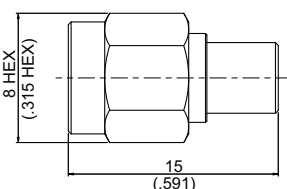


Figure 8.

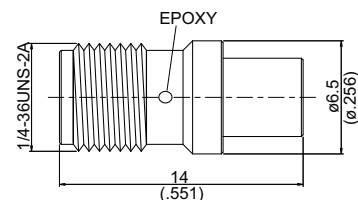


Figure 9.

PART NUMBER	Fig.	Material	Remarks	Typical VSWR								
SMA PLUG TO K JACK												
ADS-A3K8	1	B6-B3	Stainless	1~2GHz 1.03	3GHz 1.04	4~6GHz 1.06	7~12GHz 1.07	13GHz 1.08	14GHz 1.10	15~18GHz 1.11	19GHz 1.14	20~27GHz 1.20
SMA JACK TO K PLUG												
ADS-A8K3	2	B3-B6	Stainless	1~18GHz 1.04	19GHz 1.06	20GHz 1.09	21GHz 1.12	22GHz 1.16	23~27GHz 1.19			
SMA JACK TO K JACK												
ADS-A8K8	3	B3-B3	Stainless	1~3GHz 1.03 18GHz 1.11	4GHz 1.04 19GHz 1.12	5GHz 1.05 20GHz 1.15	6GHz 1.06 21GHz 1.16	7GHz 1.08 22~27GHz 1.18	8~17GHz 1.10 / /			
SMA PLUG TO 3.5 PLUG												
ADS-A3PC3	4	B6-B6	Stainless	1~6Ghz 1.05	7~12Ghz 1.1	13~18Ghz 1.15	19~27Ghz 1.2	28~33Ghz 1.25				
SMA PLUG TO 3.5 JACK												
ADS-A3PC8	5	B6-B3	Stainless	1~6Ghz 1.05	7~12Ghz 1.1	13~18Ghz 1.15	19~27Ghz 1.2	28~33Ghz 1.25				
SMA JACK TO 3.5 PLUG												
ADS-A8PC3	6	B3-B6	Stainless	1~6Ghz 1.05	7~12Ghz 1.1	13~18Ghz 1.15	19~27Ghz 1.2	28~33Ghz 1.25				
SMA JACK TO 3.5 JACK												
ADS-A8PC8	7	B3-B3	Stainless	1~6Ghz 1.05	7~12Ghz 1.1	13~18Ghz 1.15	19~27Ghz 1.2	28~33Ghz 1.25				
SMA PLUG TO SMP PLUG												
ADS-A3PS3	8	A6-A3	Stainless; Smooth Bore	1~2GHz 1.04	3GHz 1.05	4GHz 1.14	5~15GHz 1.19	16GHz 1.21	17~18GHz 1.24			
ADS-A3PL3	8	A6-A3	Stainless; Limited Detent									
ADS-A3PF3	8	A6-A3	Stainless;Full Detent	1~2GHz 1.04	3GHz 1.06	4GHz 1.16	5~16GHz 1.20	17GHz 1.22	18GHz 1.26			
SMA JACK TO SMP PLUG												
ADS-A8PS3	9	B3-B3	Stainless; Smooth Bore									
ADS-A8PL3	9	B3-B3	Stainless; Limited Detent	1GHz 1.02	2GHz 1.03	3GHz 1.04	4GHz 1.08	5GHz 1.16	6~10GHz 1.19	11~18GHz 1.21		
ADS-A8PF3	9	B3-B3	Stainless;Full Detent	1GHz 1.02	2~4GHz 1.05	5GHz 1.14	6~10GHz 1.21	11~18GHz 1.22				

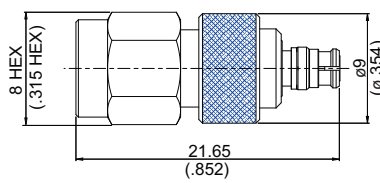


Figure 1.

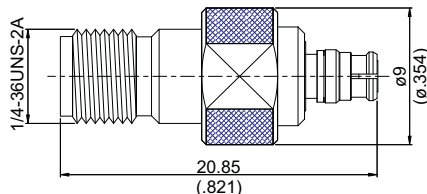


Figure 2.

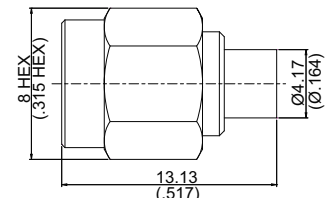


Figure 3.

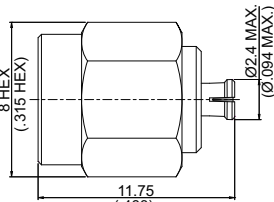


Figure 4.

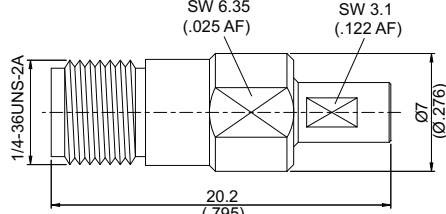


Figure 5.

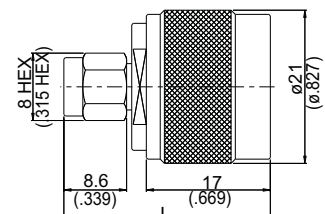


Figure 6.

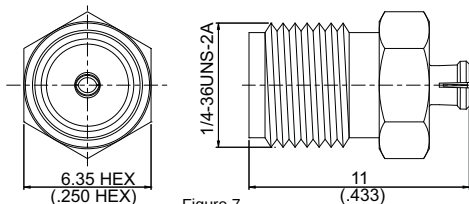


Figure 7

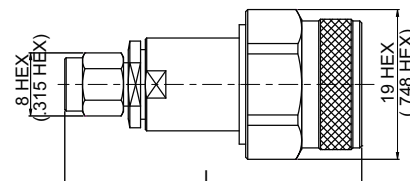


Figure 8.

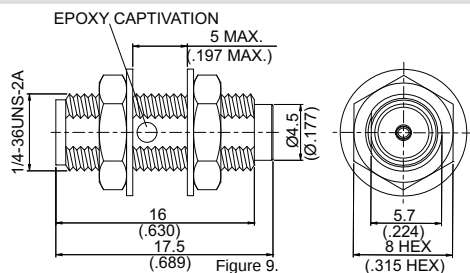
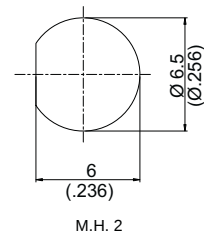


Figure 9.



M.H. 2

PART NUMBER	Fig	Measurement	M.H	Material	Remarks	Typical VSWR								
SMP PLUG TO SMA JACK FOR BULKHEAD														
ADS-PL3A8-BF	9		2	B3-B3	Stainless; Limited Detent; Epoxy Captivation									
SMA PLUG TO SMP JACK														
ADS-A3P8	1			B6-B18		1~3GHz 1.05	4GHz 1.06	5GHz 1.07	6GHz 1.09	7GHz 1.13	8~17GHz 1.14	18GHz 1.23		
SMA JACK TO SMP JACK														
ADS-A8P8	2			B3-B18		1~2GHz 1.02	3GHz 1.04	4~5GHz 1.06	6~9GHz 1.11	10~16GHz 1.14	17~18GHz 1.20			
SMA PLUG TO SMPM PLUG														
ADS-A3PMS3	3			B6-B3	Stainless;Smooth Bore	1~5GHz 1.06		6~11GHz 1.12		12~19GHz 1.2				
ADS-A3PMF3	3			B6-B3	Stainless;Full Detent	1~5GHz 1.06		6~11GHz 1.12		12~19GHz 1.2				
SMA PLUG TO SMPM JACK														
ADS-A3PM8	4			B6-B18		1~2GHz 1.03		3GHz 1.06		4~11GHz 1.1		12~22GHz 1.2		
SMA JACK TO SMPM PLUG														
ADS-A8PMS3	5			B3-B3	Stainless;Smooth Bore									
ADS-A8PMF3	5			B3-B3	Stainless;Full Detent									
SMA JACK TO SMPM JACK														
ADS-A8PM8	7			B3-B18		1~11GHz 1.08		12~13GHz 1.15		14~20GHz 1.2		21~25GHz 1.25		
SMA PLUG TO N PLUG														
ADS-A3N3	6	L=28.3(1.114)		A6-A6	Stainless	1~3GHz 1.06	4GHz 1.07	5~6GHz 1.09	7GHz 1.24	8GHz 1.29	9GHz 1.32	10GHz 1.33		
AD-A3N3	6	L=28.3(1.114)		A4-A11		1~4GHz 1.05	5GHz 1.09	6GHz 1.17	7GHz 1.19	8~14GHz 1.22	15~17GHz 1.33			
AD-A6N3	6	L=28.65(1.126)		C4-C11	SMA RP Plug To N Plug	1GHz 1.05	2GHz 1.07	3~4GHz 1.08	5GHz 1.13	6GHz 1.18	7GHz 1.19	8~13GHz 1.22	14GHz 1.27	15GHz 1.30
AD-A3N3-18	8	L=43.4(1.709)		A4-A11	18GHz Precision; Round N Coupling Nut	1~4GHz 1.04		5~9GHz 1.10		10GHz 1.12		11~17GHz 1.16	18GHz 1.18	
ADS-A3NA3-18	8	L=43.5(1.713)		A6-A6	Stainless Steel;Semi-Hex N Nut ;18GHz Precision	1~4GHz 1.04		5~9GHz 1.10		10GHz 1.12		11~17GHz 1.16	18GHz 1.18	

Material & Plating: See Page 374

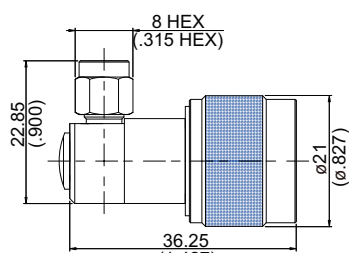


Figure 1.

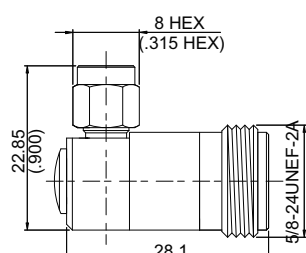


Figure 2.

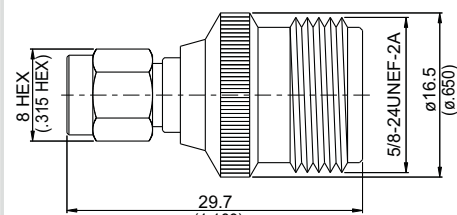


Figure 3.

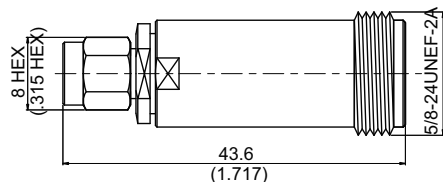


Figure 4.

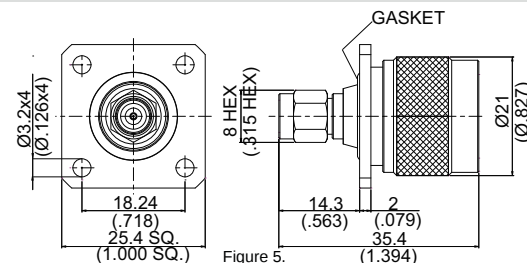


Figure 5.

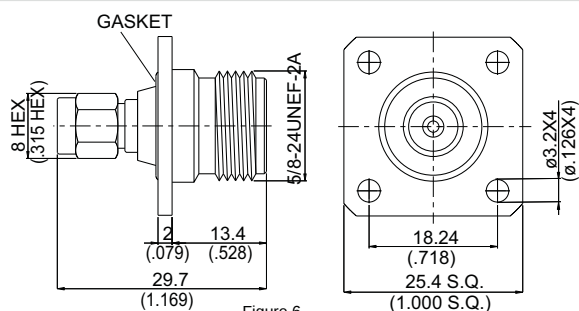


Figure 6.

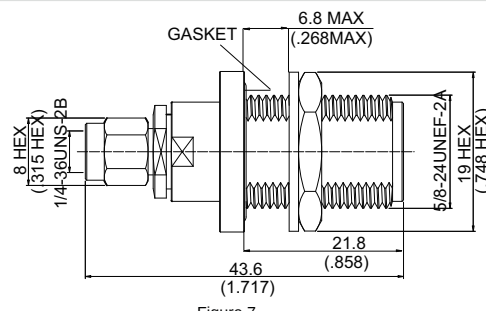
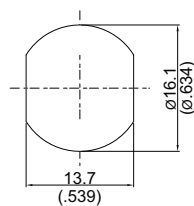
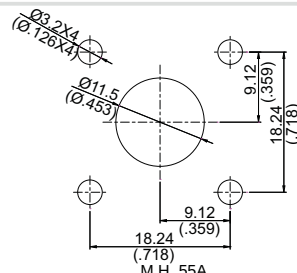


Figure 7.



M.H. 7



M.H. 55A

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR							
SMA PLUG TO N PLUG FOR PANEL RECEPTACLE												
AD-A3N3-P4	5	55A	A4-A11		1GHz	2-4GHz	5GHz	6-12GHz	13GHz			
					1.03	1.08	1.12	1.16	1.33			
SMA PLUG TO N PLUG RIGHT ANGLE												
AL-A3N3	1		A4-A11		1GHz	2GHz	3GHz					
					1.04	1.16	1.20					
SMA PLUG TO N JACK RIGHT ANGLE												
AL-A3N8	2		A4-C2		1GHz	2GHz	3-5GHz	6-8GHz	9GHz			
					1.05	1.08	1.16	1.20	1.22			
SMA PLUG TO N JACK												
ADS-A3N8	3		C6-C3	Stainless	1-5GHz	6GHz	7GHz	8GHz				
					1.05	1.06	1.11	1.26				
AD-A3N8	3		C4-C2		1-2GHz	3-4GHz	5GHz	6GHz	7GHz	8-13GHz		
					1.02	1.06	1.08	1.11	1.13	1.16		
AD-A6N8	3		B4-B2	SMA RP Plug To N Jack	1GHz	2GHz	3GHz	4GHz	5GHz			
					1.02	1.05	1.08	1.19	1.27			
AD-A3N8-18	4		B4-B2	18GHz Precision	1GHz	2-4GHz	5GHz	6-7GHz	8-10GHz	11-18GHz		
					1.03	1.05	1.10	1.11	1.16	1.18		
AD-A3N8-26	4		B4-B2	26GHz Precision	1GHz	2-4GHz	5GHz	6-7GHz	8-10GHz	11-22GHz	23-24GHz	25-26GHz
					1.03	1.05	1.10	1.11	1.16	1.18	1.20	1.30
SMA PLUG TO N JACK FOR PANEL RECEPTACLE												
AD-A3N8-P4	6	55A	C4-C2		1-2GHz	3GHz	4GHz	5GHz	6-9GHz	10GHz	11-14GHz	
					1.02	1.06	1.07	1.13	1.16	1.18	1.19	
SMA PLUG TO N JACK FOR BULKHEAD												
AD-A3N8-BF-18	7	7	B4-A2	18GHz Precision	1-2Ghz	3Ghz	4-5GHz	6-7Ghz	8-9Ghz	10-18Ghz		
					1.03	1.05	1.10	1.11	1.16	1.20		

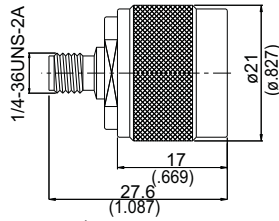


Figure 1.

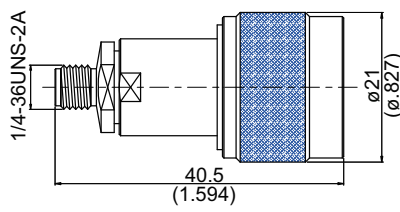


Figure 2.

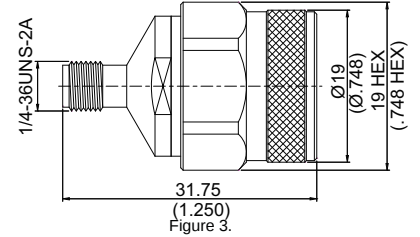


Figure 3.

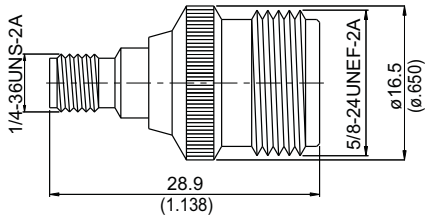


Figure 4.

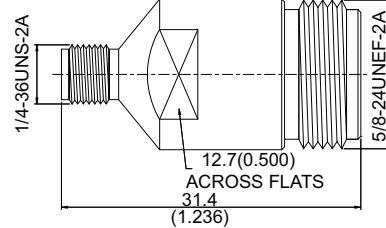


Figure 5.

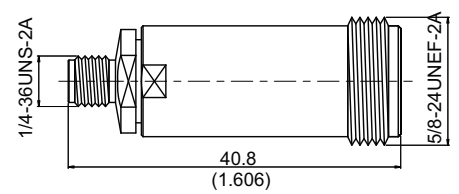


Figure 6.

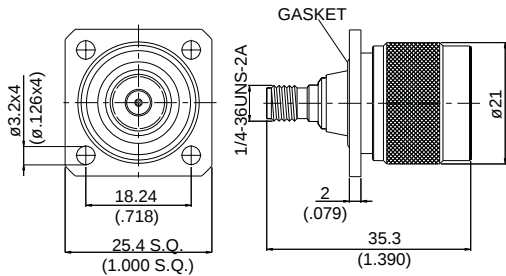


Figure 7.

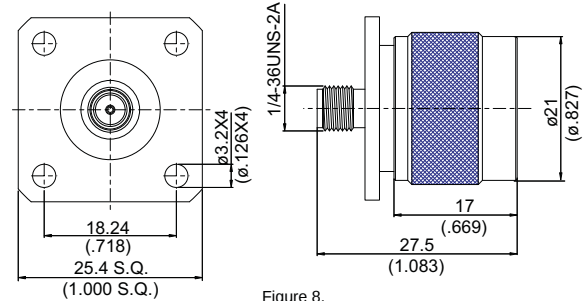
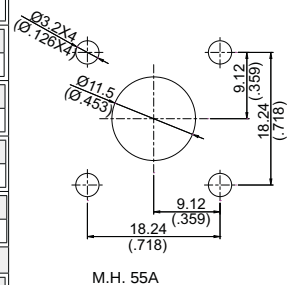
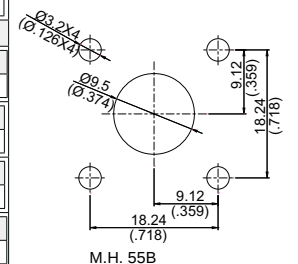


Figure 8.

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR									
SMA JACK TO N PLUG														
ADS-A8N3	1		C3-C6	Stainless	1~2GHz 1.01	3GHz 1.03	4GHz 1.06	5GHz 1.10	6GHz 1.13	7GHz 1.16	8GHz 1.20	9~11GHz 1.24	12GHz 1.30	
AD-A8N3	1		C1-C11		1GHz 1.02	2GHz 1.05	3~6GHz 1.08	7GHz 1.14	8GHz 1.21	9~10GHz 1.24	11~13GHz 1.31			
AD-A8N6	1		C1-C11	SMA Jack To N RP Plug	1GHz 1.05	2GHz 1.06	3GHz 1.12	4GHz 1.16	5GHz 1.24					
AD-A9N3	1		A1-A11	SMA RP Jack To N Plug	1Ghz 1.02	2Ghz 1.05	3~6Ghz 1.07	7~10Ghz 1.16						
AD-A8N3-18	2		B1-B11	18GHz Precision	1GHz 1.02	2~3GHz 1.06	4~11GHz 1.07	12~15GHz 1.19	16~18GHz 1.20					
AD-A8N3A-18	2		B1-B111	With Hex Nut; 18GHz Precision	1 Ghz 1.02	2~6 Ghz 1.05	7~14Ghz 1.07	15~16Ghz 1.1	17~18Ghz 1.16					
AD-A8N3-26	2		B1-B11	26GHz Precision	1GHz 1.02	2~3GHz 1.06	4~11GHz 1.07	12GHz 1.17	13~15GHz 1.19	16~26GHz 1.20				
AD-A8N3A-18SH	3		B1-B11	Semi-Hex Nut ; 18GHz Precision	1 Ghz 1.02	2~3 Ghz 1.06	4~9 Ghz 1.07	10~18 Ghz 1.18						
SMA JACK TO N PLUG FOR PANEL RECEPTACLE														
AD-A8N3-P4	7	55A	B1-A11		1GHz 1.01	2GHz 1.04	3~7GHz 1.08	8GHz 1.15	9GHz 1.28					
ADS-A8N3-P4	8	55B	C3-C6	Stainless	1~5GHz 1.09	6GHz 1.13	7GHz 1.24	8GHz 1.28	9~12GHz 1.32					
SMA JACK TO N JACK														
ADS-A8N8	4		C3-C3	Stainless	1GHz 1.02	2GHz 1.03	3GHz 1.04	4GHz 1.05	5GHz 1.11	6~9GHz 1.14	10GHz 1.19	11GHz 1.23		
AD-A8N8	4		C1-C2		1~3GHz 1.03		4GHz 1.04		5~14GHz 1.25					
AD-A8N9	4		B1-B2	SMA Jack To N RP Jack	1~2GHz 1.06	3GHz 1.12	4~6GHz 1.20	7GHz 1.26	8GHz 1.23					
ADS-A8N8-18A	5		B3-B3	Stainless 18GHz Precision	1 Ghz 1.02	2 Ghz 1.04	3 Ghz 1.05	4~18 Ghz 1.14						
AD-A8N8-18	6		B1-B2	18GHz Precision	1GHz 1.03	2GHz 1.04	3~5GHz 1.07	6~10GHz 1.08	11~12GHz 1.12	13~18GHz 1.14				
AD-A8N8-26	6		B1-B2	26GHz Precision	1GHz 1.03	2GHz 1.04	3~5GHz 1.07	6~10GHz 1.06	11GHz 1.12	12~14GHz 1.16	15~24GHz 1.17	25~26GHz 1.20		



M.H. 55A



M.H. 55B

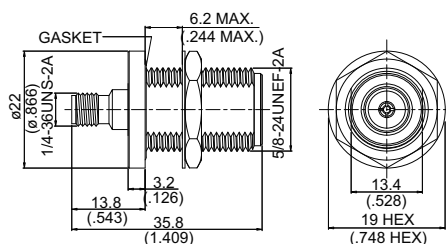


Figure 1.

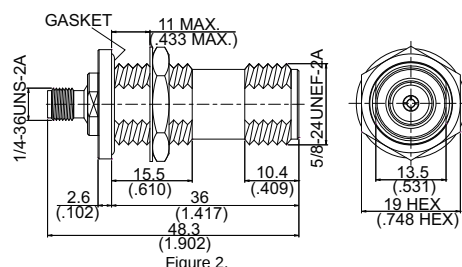


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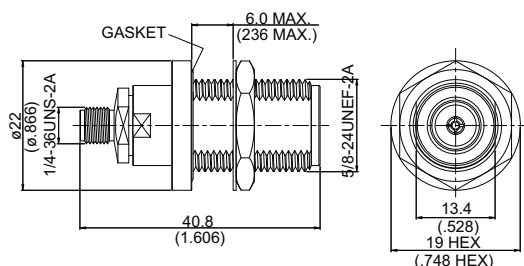


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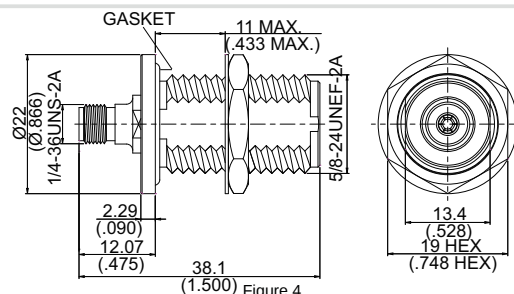


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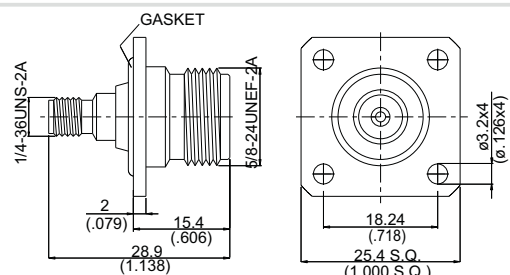


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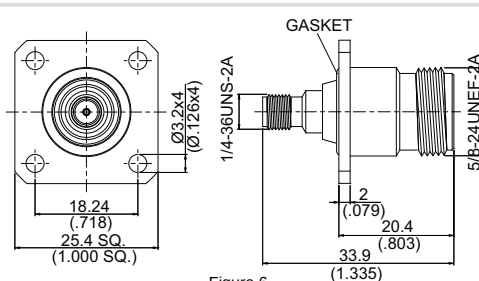


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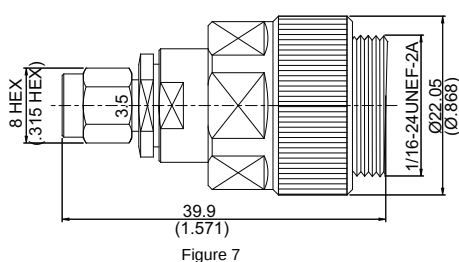


Figure 7

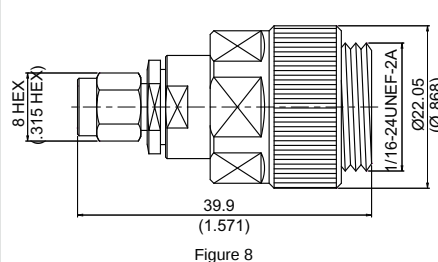


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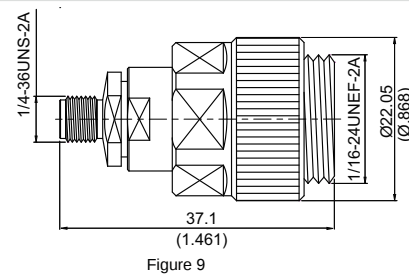
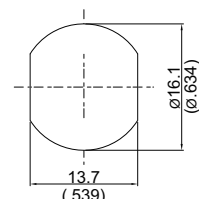
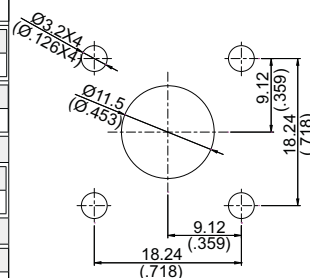


Figure 9

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR							
SMA JACK TO N JACK FOR BULKHEAD												
AD-A8N8-BF	1	7	B1-B2		1GHz	2GHz	3GHz	4GHz	5GHz	6GHz	7-8GHz	9GHz
					1.04	1.05	1.06	1.09	1.18	1.20	1.24	1.29
AD-A8N8-BFC	2	7	C2-C2		1Ghz	2Ghz	3-4Ghz	5-8Ghz	9-15Ghz	16-18Ghz		
					1.04	1.05	1.06	1.11	1.21	1.25		
AD-A8N8-BF-18	3	7	B1-B2	18GHz Precision	1Ghz	2Ghz	3-5Ghz	6-8Ghz	9-12Ghz	13-18Ghz		
					1.03	1.05	1.07	1.1	1.25	1.2		
ADS-A8N8-BF-18	3	7	B3-B3	Stainless;18GHz Precision	1GHz	2GHz	3-5GHz	6GHz	7-10GHz	11GHz	12GHz	13-18GHz
					1.03	1.05	1.06	1.08	1.11	1.14	1.18	1.20
ADS-A8N8-BF-18A	4	7	B3-B3	Stainless;18GHz Precision	1GHz	2GHz	3-5GHz	6-9GHz	10-18GHz			
					1.02	1.07	1.09	1.20	1.22			
SMA JACK TO N JACK FOR PANEL RECEPTACLE												
ADS-A8N8-P4	5	55A	C3-C3	Stainless	1GHz	2GHz	3GHz	4-7GHz	8GHz	9GHz		
					1.03	1.05	1.06	1.09	1.14	1.21		
AD-A8N8-P4	5	55A	C1-C2		1-8GHz				9GHz			
					1.12				1.13			
AD-A8N8L-P4	6	55A	B1-B2		1-2 Ghz	2-3 Ghz	4-7 GHz	8 GHz	9-18 GHz			
					1.03	1.04	1.09	1.14	1.18			
3.5 PLUG TO PC7												
AD-PC3PC7	7		A11-C6	18GHz Precision	1GHz	2GHz	3GHz	4-8GHz	9-14GHz	15-18GHz		
					1.02	1.03	1.05	1.08	1.1	1.18		
SMA PLUG TO PC7												
AD-A3PC7	8		A11-C3	20GHz Precision Adaptor	1GHz	2GHz	3-8GHz	9-10GHz	11GHz	12-20GHz		
					1.01	1.02	1.04	1.05	1.07	1.17		
SMA JACK TO PC7												
AD-A8PC7	9		B2-C13	20 GHz Precision Adaptor	1GHz	2GHz	3-8GHz	9-10GHz	11GHz	12-20GHz		
					1.01	1.02	1.04	1.05	1.07	1.16		



M.H. 7



M.H. 55A

ADAPTORS

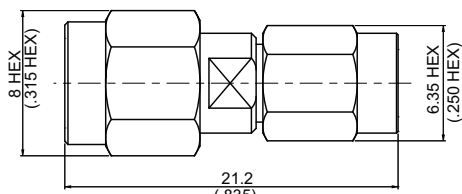


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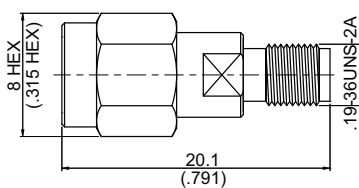


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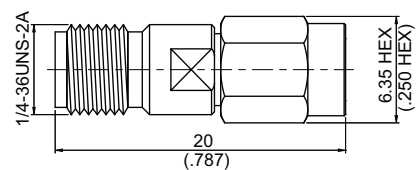


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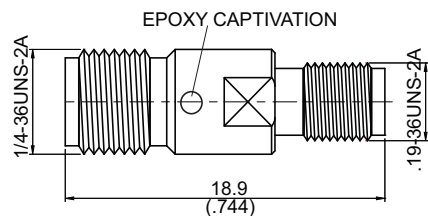


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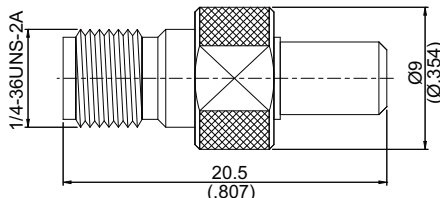


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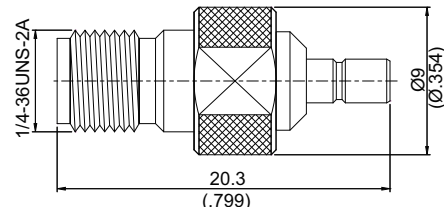


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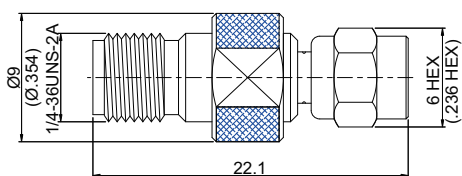


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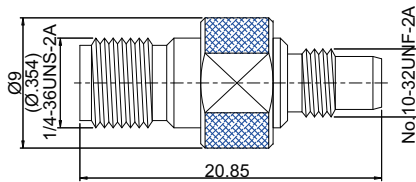


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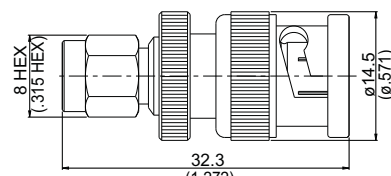


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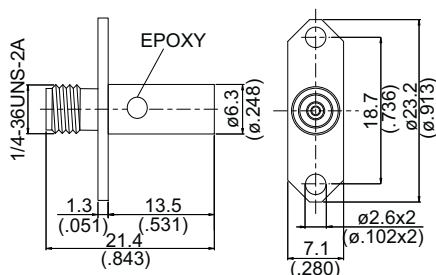
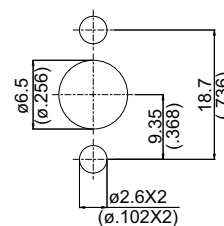


Figure 10



M.H. 10B

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR			
SMA PLUG TO SSMA PLUG								
AD-A3SA3	1		A4-A4		1~2GHz	3~4GHz	5~12GHz	13~18GHz
					1.03	1.05	1.1	1.2
SMA PLUG TO SSMA JACK								
AD-A3SA8	2		B4-B1		1~2GHz	3~4GHz	5~12GHz	13~18GHz
					1.03	1.05	1.1	1.2
SMA JACK TO SSMA PLUG								
AD-A8SA3	3		B1-B4		1GHz	2GHz	3~4GHz	5~8GHz
					1.04	1.06	1.07	1.2
SMA JACK TO SSMA JACK								
AD-A8SA8	4		B1-B1		1GHz	2GHz	3~4GHz	5~8GHz
					1.04	1.07	1.1	1.2
SMA JACK TO SSMB PLUG								
AD-A8SB3	5		B1-B1		1GHz	2GHz	3GHz	4GHz
					1.06	1.07	1.10	1.19
SMA JACK TO SSMB JACK								
AD-A8SB8	6		B1-B1		1GHz	2GHz	3GHz	4GHz
					1.06	1.07	1.10	1.23
SMA JACK TO SMC PLUG								
AD-A8MC3	7		B1-B4		1GHz	2GHz	3~5GHz	6GHz
					1.01	1.05	1.08	1.11
							7GHz	8~10GHz
							1.18	1.22
SMA JACK TO SMC JACK								
AD-A8MC8	8		B1-B1		1GHz	2GHz	3GHz	4GHz
					1.05	1.09	1.12	1.17
							5GHz	6GHz
							1.20	1.23
							7GHz	1.26
SMA JACK TO BMC JACK FOR PANEL RECEPTACLE								
ADS-A8G8-P2	10	10B	B3-B3	18GHz;Epoxy Captivation				
SMA PLUG TO BNC PLUG								
AD-A3B3	9		A4-A11		1GHz	2GHz	3~4GHz	
					1.12	1.13	1.19	

Material & Plating: See Page 374

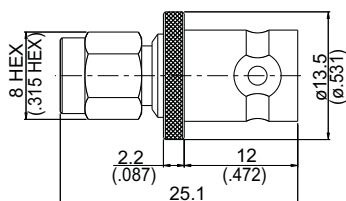


Figure 1.

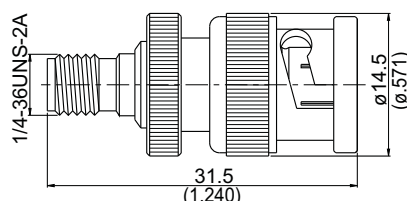


Figure 2.

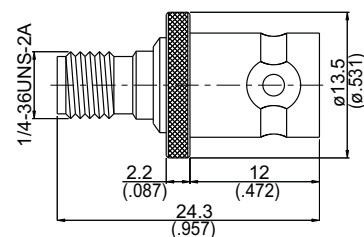


Figure 3.

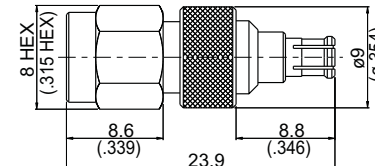


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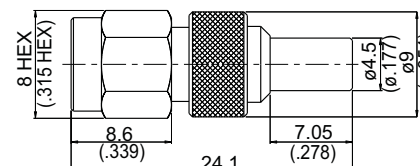


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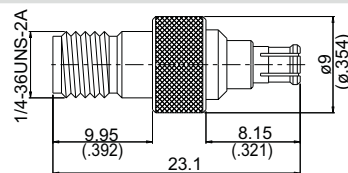


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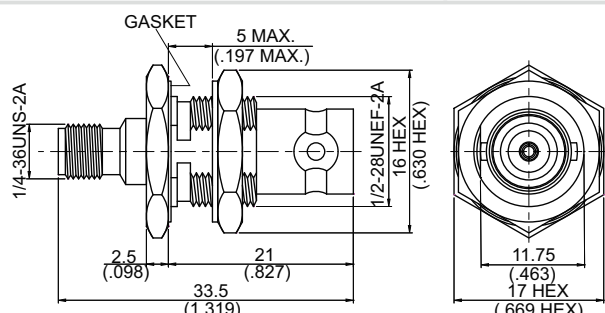


Figure 7

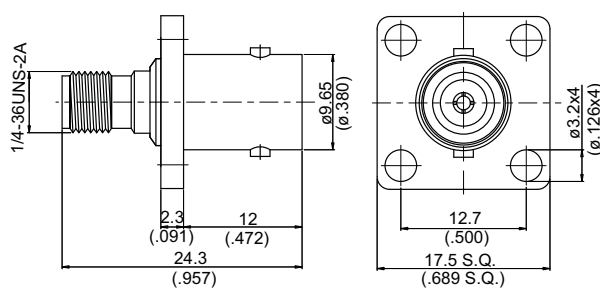
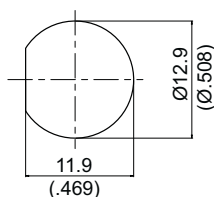
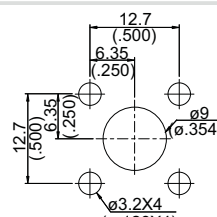


Figure 8



M.H 5



M.H 67

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR			
SMA PLUG TO BNC JACK								
AD-A3B8	1		C4-C2	SMA RP Plug To BNC Jack	1~4GHz		5GHz	
					1.17		1.18	
AD-A6B8	1		C4-C2		1GHz	2GHz	3GHz	4GHz
					1.03	1.04	1.08	1.23
SMA JACK TO BNC PLUG								
AD-A8B3	2		C1-C11	Stainless Steel	1GHz		2GHz	
					1.09g		1.18	
ADS-A8B3	2		C3-C6		1GHz		2~4GHz	
					1.06		1.18	
SMA JACK TO BNC JACK								
AD-A8B8	3		B1-B2	SMA RP Jack To BNC Jack	1~2GHz		3GHz	
					1.10		1.14	
AD-A9B8	3		B1-B2		1GHz	2GHz	3GHz	4GHz
					1.03	1.06	1.16	1.27
SMA JACK TO BNC JACK FOR BULKHEAD								
AD-A8B8-BF	7	5	B1-B2		1GHz		2GHz	
					1.03		1.06	
SMA JACK TO BNC JACK FOR PANEL RECEPTACLE								
AD-A8B8-P4	8	67	B1-B2		1GHz		2GHz	
					1.09		1.11	
SMA PLUG TO MCX PLUG								
AD-A3D3	4		A4-A18		1~4GHz		5GHz	
					1.04		1.09	
SMA PLUG TO MCX JACK								
AD-A3D8	5		B4-B1		1~4GHz		5GHz	
					1.05		1.18	
SMA JACK TO MCX PLUG								
AD-A8D3	6		B1-B18		1GHz		2~4GHz	
					1.05		1.06	
					1.08		6GHz	
					1.31			

Material & Plating: See Page 374

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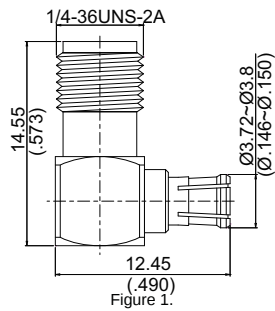


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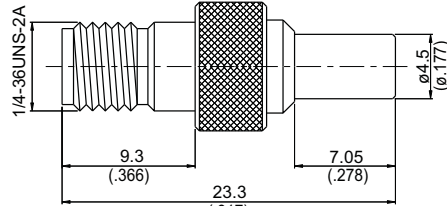


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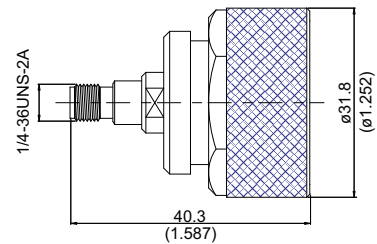


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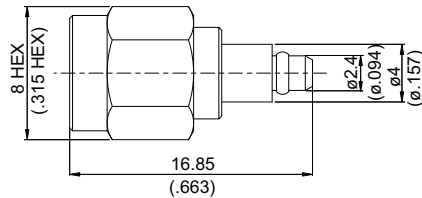


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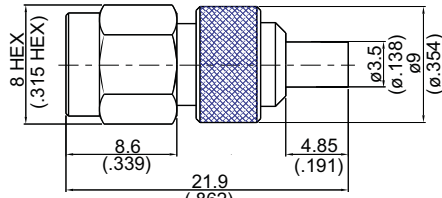


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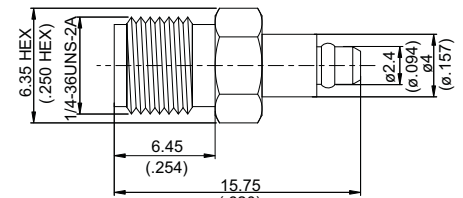


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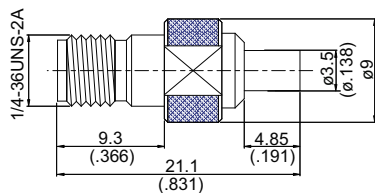


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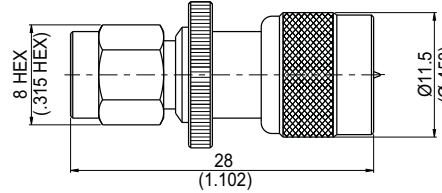


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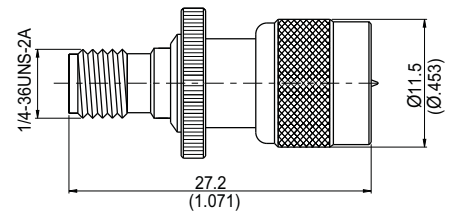


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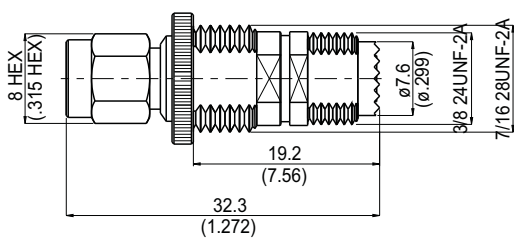
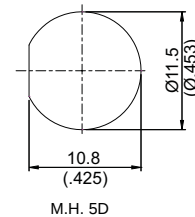
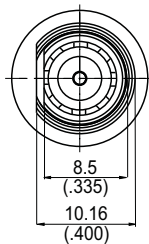


Figure 10.



M.H. 5D

PART NUMBER	Fig	M.H	Material	Typical VSWR					
SMA JACK TO MCX PLUG RIGHT ANGLE									
AL-A8D3	1		B1-A18	1~2GHz	3GHz	4GHz	5GHz	6GHz	
				1.05	1.09	1.12	1.15	1.28	
SMA JACK TO MCX JACK									
AD-A8D8	2		B1-B1	1GHz	2~5GHz		6GHz		
				1.06	1.07		1.29		
SMA JACK TO 7/16 PLUG									
AD-A8DI3	3		D2-D11	1GHz	2~3GHz	4~6GHz	7GHz	8~10GHz	
				1.06	1.10	1.22	1.31	1.33	
SMA PLUG TO MMCX PLUG									
AD-A3E3	4		A4-A1	1GHz	2GHz	3GHz	4GHz	5GHz	6GHz
				1.02	1.05	1.10	1.17	1.23	1.28
SMA PLUG TO MMCX JACK									
AD-A3E8	5		C4-C1	1GHz	2GHz	3GHz	4GHz	5~6GHz	
				1.04	1.06	1.08	1.13	1.20	
SMA JACK TO MMCX PLUG									
AD-A8E3	6		B1-B1	1GHz	2GHz	3GHz	4GHz	5GHz	6GHz
				1.02	1.03	1.05	1.06	1.11	1.19
SMA JACK TO MMCX JACK									
AD-A8E8	7		B1-B1	1GHz	2GHz	3GHz	4GHz	5GHz	6GHz
				1.02	1.05	1.09	1.11	1.14	1.18
SMA PLUG TO MINI UHF PLUG									
AD-A3MU3	8		A4-A11	1GHz	2GHz		3GHz		
				1.17	1.23		1.35		
SMA PLUG TO MINI UHF JACK									
AD-A3MU8	10	5D	B4-B2	1GHz	2GHz		3GHz		
				1.17	1.22		1.34		
SMA JACK TO MINI UHF PLUG									
AD-A8MU3	9		B1-B2	1GHz	2GHz		3GHz		
				1.12	1.22		1.33		

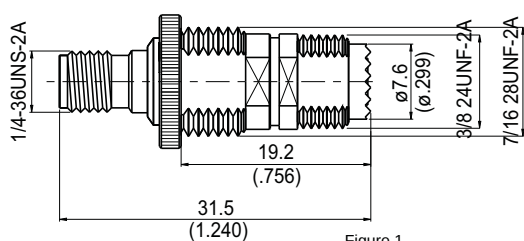


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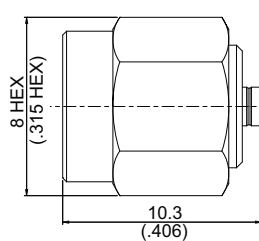
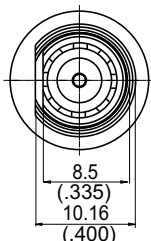


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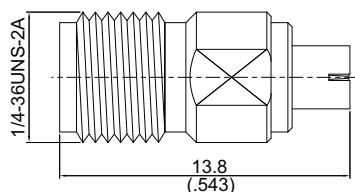


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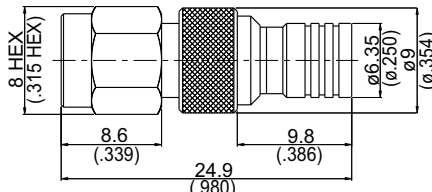


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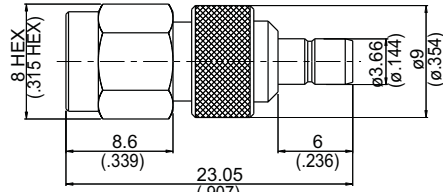


Figure 5.

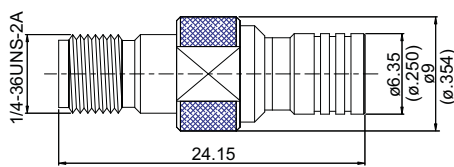


Figure 6.

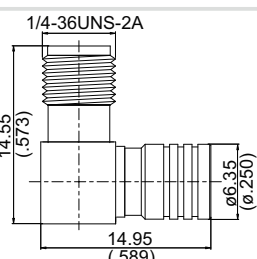


Figure 7

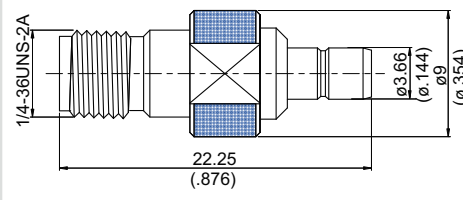


Figure 8

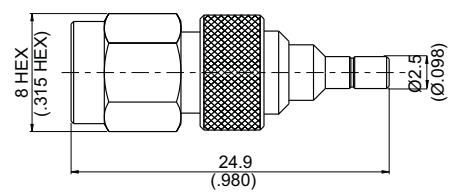


Figure 9

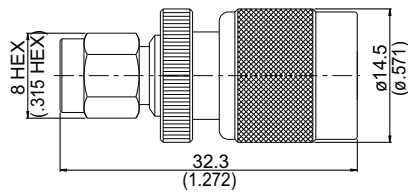
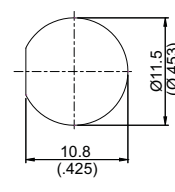


Figure 10



M.H. 5D

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR						
SMA JACK TO MINI UHF JACK											
AD-A8MU8	1	5D	B1-B2		1GHz		2GHz		3GHz		
					1.17		1.20		1.35		
SMA PLUG TO IPEX JACK											
AD-A3IP8	2		B4-B1		1~3Ghz	4Ghz	5~6Ghz	7Ghz	8~12Ghz	13Ghz	14~18Ghz
					1.05	1.07	1.12	1.14	1.15	1.16	1.19
SMA JACK TO IPEX PLUG											
AD-A8IP3	3		B1-B18		1~3GHz	4GHz	5~6GHz	7GHz	8~12GHz	13GHz	14~18GHz
					1.05	1.07	1.12	1.14	1.15	1.16	1.19
SMA PLUG TO SMB PLUG											
AD-A3S3	4		B4-B1		1GHz			2~4GHz			
					1.07			1.08			
SMA PLUG TO SMB JACK											
AD-A3S8	5		A4-A1		1~6GHz						
					1.14						
SMA JACK TO SMB PLUG											
AD-A8S3	6		B1-B1		1~2GHz		3GHz		4GHz		
					1.04		1.05		1.26		
ADS-A8S3	6		B3-B3	Stainless Steel	1GHz	2GHz		3GHz		4~6GHz	
					1.03	1.09		1.1		1.2	
SMA JACK TO SMB PLUG RIGHT ANGLE											
AL-A8S3	7		B1-B1		1~3GHz	4GHz	5~7GHz	8~9GHz	10GHz		
					1.06	1.10	1.15	1.28	1.32		
SMA JACK TO SMB JACK											
AD-A8S8	8		B1-B1		1~2GHz		3GHz		4~6GHz		
					1.10		1.13		1.19		
SMA PLUG TO SSMB JACK											
AD-A3SB8	9		A4-A1		1GHz	2GHz		3GHz		4GHz	
					1.03	1.06		1.10		1.17	
SMA PLUG TO TNC PLUG											
AD-A3T3	10		A4-A11		1GHz	2GHz	3GHz	4GHz	5~6GHz	7GHz	
					1.07	1.08	1.17	1.27	1.28	1.30	

Material & Plating: See Page 374

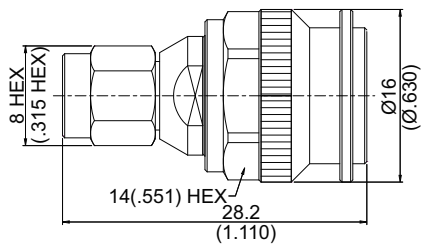


Figure 1.

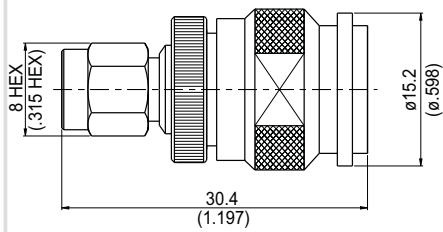


Figure 2.

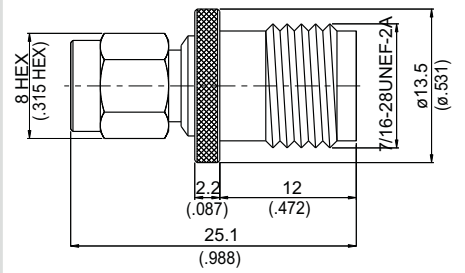


Figure 3.

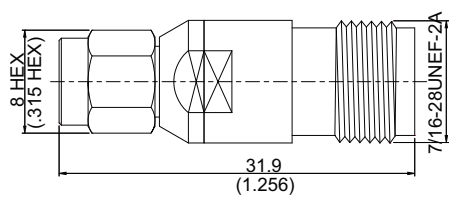


Figure 4.

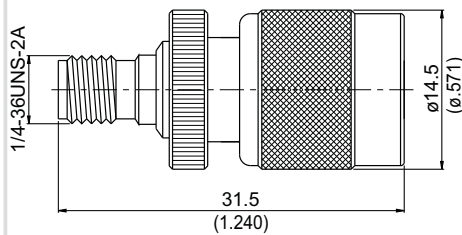


Figure 5.

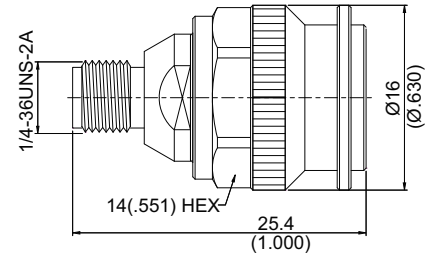


Figure 6.

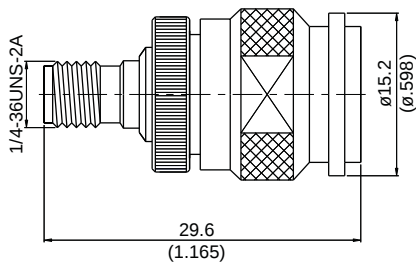


Figure 7

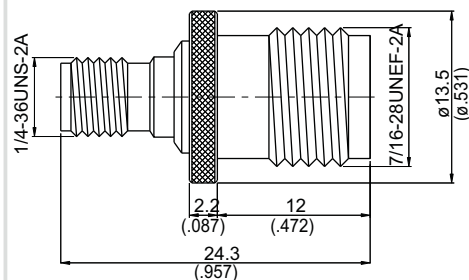


Figure 8.

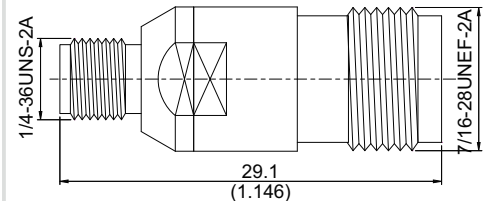


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR				
SMA PLUG TO TNC PLUG								
AD-A3T3-18	1	A11-A11	18GHz Precision					
AD-A3T6	2	C4-C11	SMA Plug To TNC RP Plug	1GHz	2~3GHz	4~5GHz		
				1.14	1.21	1.33		
SMA PLUG TO TNC JACK								
AD-A3T8	3	C4-C2		1~2GHz	3GHz	4GHz	5~6GHz	
				1.07	1.14	1.29	1.34	
AD-A3T9	3	A4-A2	SMA Plug To TNC RP Jack	1GHz	2GHz	2.3GHz		
				1.07	1.17	1.22		
AD-A3T8-18	4	B11-B2	18GHz Precision					
SMA JACK TO TNC PLUG								
AD-A8T3	5	C11-C11		1GHz	2GHz	3GHz	4~6GHz	7GHz
				1.08	1.10	1.15	1.20	1.28
AD-A8T3-18	6	B2-B11	18GHz Precision					
AD-A8T6	7	C1-C11	SMA Jack To TNC RP Plug	1GHz	2~3GHz	4GHz		
				1.15	1.18	1.34		
AD-A9T6	7	C1-C11	SMA RP Jack To TNC RP Plug	1GHz	2GHz	3GHz		
				1.05	1.15	1.23		
SMA JACK TO TNC JACK								
AD-A8T8	8	B1-B2		1GHz	2GHz	3GHz	4~6GHz	7GHz
				1.08	1.10	1.14	1.23	1.29
AD-A8T9	8	B1-B2	SMA Jack To TNC RP Jack	1GHz	2GHz	3GHz	4~6GHz	
				1.04	1.09	1.12	1.17	
AD-A8T8-18	9	B2-B2	18GHz Precision					

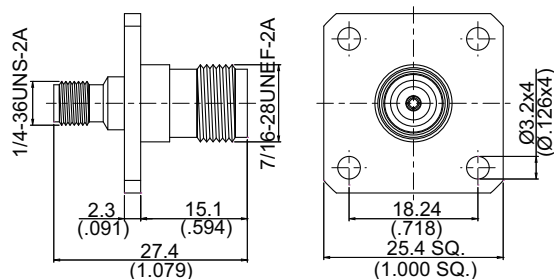


Figure 1.

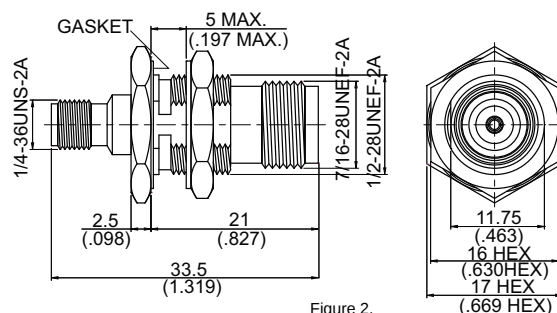


Figure 2.

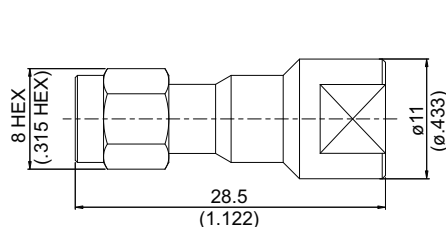


Figure 3.

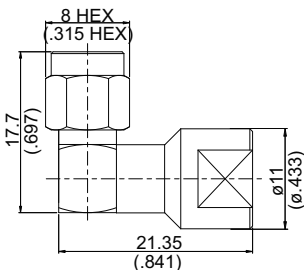


Figure 4.

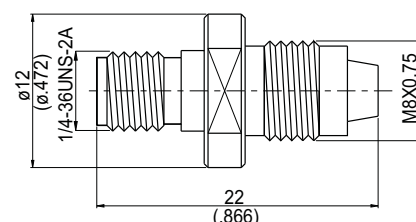


Figure 5.

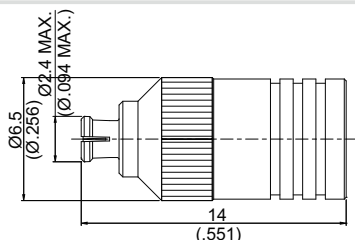


Figure 6.

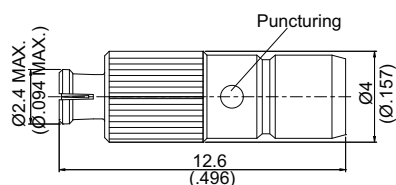


Figure 7

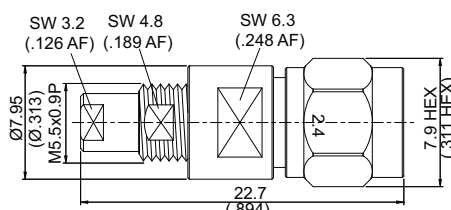


Figure 8.

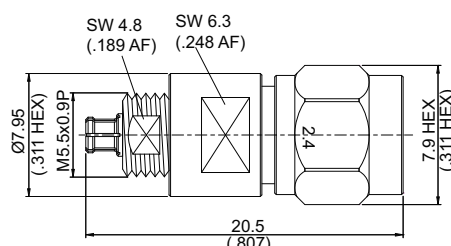
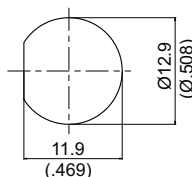
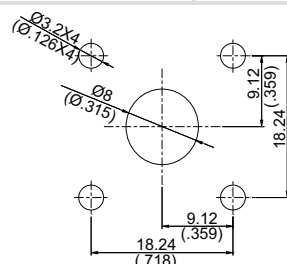


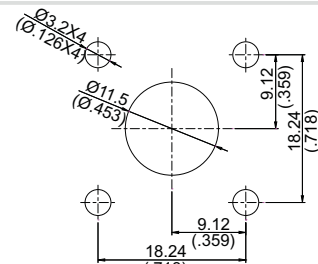
Figure 9.



M.H. 5



M.H. 34A(SMA Side)



M.H. 55A(N SIDE)

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR				
SMA JACK TO TNC JACK FOR PANEL RECEPTACLE									
ADS-A8T8-P4A	1	34A&55A	B3-B3	Stainless					
SMA JACK TO TNC JACK FOR BULKHEAD									
AD-A8T8-BF	2	5	B1-B2		1GHz	2GHz	3~5GHz	6~9GHz	10GHz
					1.05	1.10	1.14	1.20	1.22
SMA PLUG TO FME PLUG									
AD-A3FME3	3		A11-A2		1GHz				
					1.2				
AD-A6FME3	3		B11-B2	SMA RP Plug To FME Plug	1Ghz		2Ghz		
					1.08		1.21		
SMA PLUG TO FME PLUG RIGHT ANGLE									
AL-A3FME3	4		A11-A2		1GHz				
					1.22				
SMA JACK TO FME JACK									
AD-A8FME8	5		B1-B1		1~1.8GHz				
					1.22				
SMPM JACK TO SMB PLUG									
AD-PM8S3	6		B18-B1		1GHz	2GHz	3GHz	4GHz	5~6GHz
					1.03	1.06	1.09	1.13	1.18
SMPM JACK TO SMB JACK									
ADS-PM8S8	7		B18-B3		1~5Ghz		6Ghz		
					1.07		1.13		
SMPM PLUG TO 2.4 PLUG									
ADS-PMS3-2.4/3	8		B3-B6	Stainless;Smooth Bore					
ADS-PMF3-2.4/3	8		B3-B6	Stainless;Full Detent					
SMPM JACK TO 2.4 PLUG									
ADS-PM8-2.4/3	9		B18-B6	Stainless					

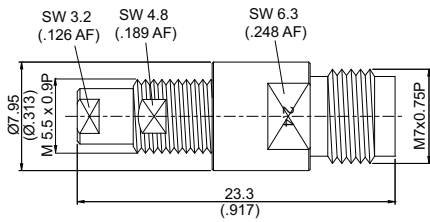


Figure 1.

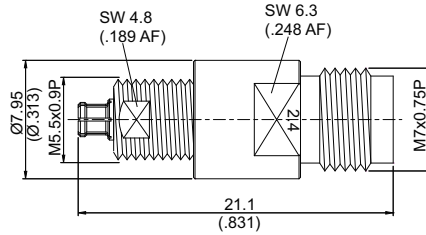


Figure 2.

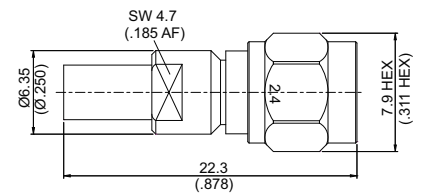


Figure 3.

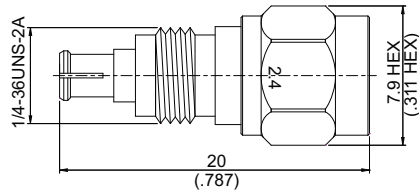


Figure 4.

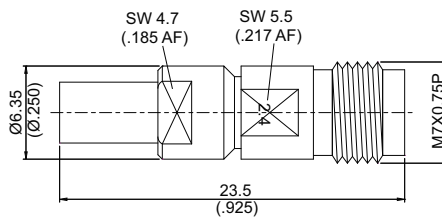


Figure 5.

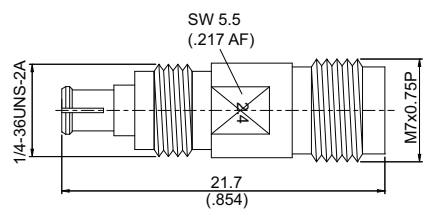


Figure 6.

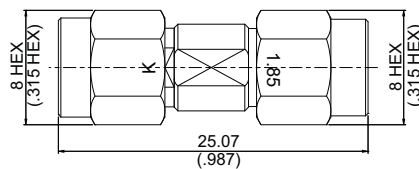


Figure 7

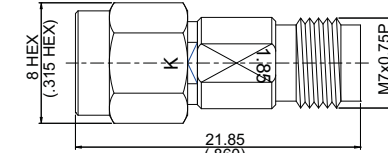


Figure 8.

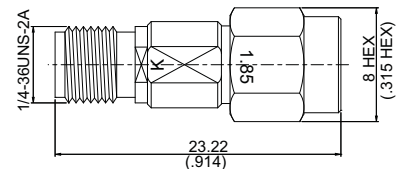


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR
SMPM PLUG TO 2.4 JACK				
ADS-PMS3-2.4/8	1	B3-B3	Stainless;Smooth Bore	
ADS-PMF3-2.4/8	1	B3-B3	Stainless;Full Detent	
SMPM JACK TO 2.4 JACK				
ADS-PM8-2.4/8	2	B18-B3		
SMP PLUG TO 2.4 PLUG				
ADS-PS3-2.4/3	3	B3-B6	Smooth Bore;Stainless	
ADS-PL3-2.4/3	3	B3-B6	Limited Detent;Stainless	
ADS-PF3-2.4/3	3	B3-B6	Full Detent;Stainless	
SMP JACK TO 2.4 PLUG				
ADS-P8-2.4/3	4	B3-B6	Stainless	
SMP PLUG TO 2.4 JACK				
ADS-PS3-2.4/8	5	B3-B3	Smooth Bore;Stainless	
ADS-PL3-2.4/8	5	B3-B3	Limited Detent;Stainless	
ADS-PF3-2.4/8	5	B3-B3	Full Detent;Stainless	
SMP JACK TO 2.4 JACK				
ADS-P8-2.4/8	6	B3-B3	Stainless	
K PLUG TO 1.85 PLUG				
ADS-K3-1.85/3	7	B6-B6	Stainless	
K PLUG TO 1.85 JACK				
ADS-K3-1.85/8	8	B6-B3	Stainless	
K JACK TO 1.85 PLUG				
ADS-K8-1.85/3	9	B3-B6	Stainless	

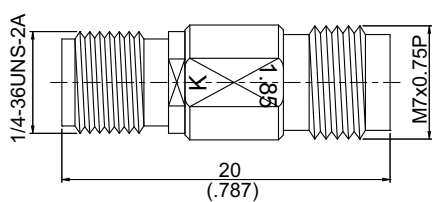


Figure 1.

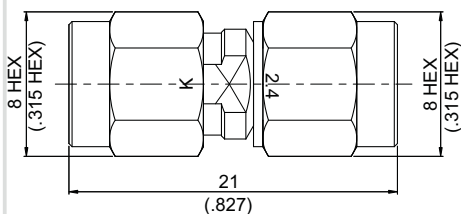


Figure 2.

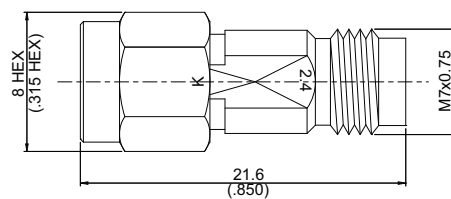


Figure 3.

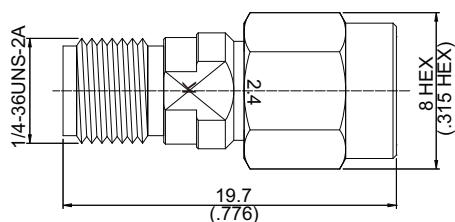


Figure 4.

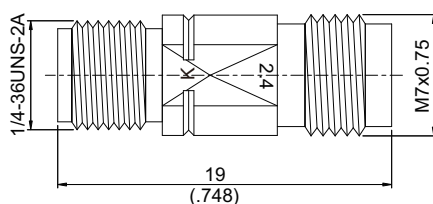


Figure 5.

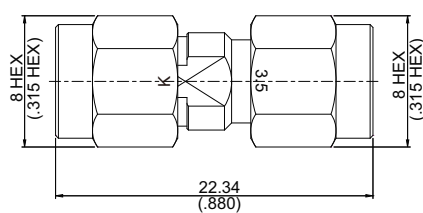


Figure 6.

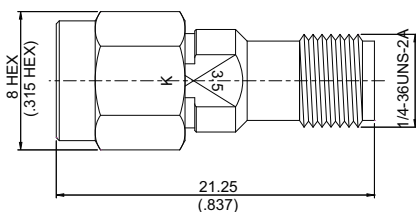


Figure 7

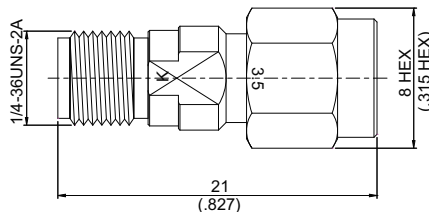


Figure 8.

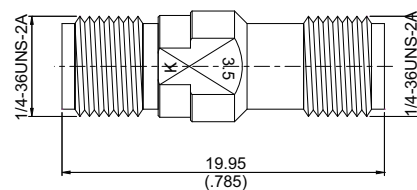


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR					
K JACK TO 1.85 JACK									
ADS-K8-1.85/8	1	B3-B3	Stainless						
K PLUG TO 2.4 PLUG									
ADS-K3-2.4/3	2	B6-B6	Stainless	1GHz	2~5GHz	6GHz	7~16GHz	17GHz	
				1.03	1.04	1.06	1.07	1.08	
				18GHz	19GHz	20~36GHz	37~40GHz	/	
				1.11	1.17	1.2	1.28	/	
K PLUG TO 2.4 JACK									
ADS-K3-2.4/8	3	B6-B3	Stainless	1GHz	2~5GHz	6GHz	7~16GHz	17GHz	
				1.03	1.04	1.06	1.07	1.08	
				18GHz	19GHz	20~36GHz	37GHz	38~40GHz	
				1.11	1.17	1.2	1.3	1.41	
K JACK TO 2.4 PLUG									
ADS-K8-2.4/3	4	B3-B6	Stainless	1~4GHz	5~8GHz	9~14GHz	15~16GHz		
				1.04	1.06	1.07	1.08		
				17~18GHz	19~20GHz	21~26GHz	27~40GHz		
				1.09	1.14	1.16	1.18		
K JACK TO 2.4 JACK									
ADS-K8-2.4/8	5	B3-B3	Stainless	1GHz	2GHz	3~10GHz	11GHz	12GHz	13GHz
				1.03	1.05	1.07	1.08	1.09	1.14
				14GHz	15GHz	16GHz	17~33GHz	34~39GHz	40GHz
				1.16	1.20	1.22	1.23	1.29	1.35
K PLUG TO 3.5 PLUG									
ADS-K3PC3	6	B6-B6	Stainless	1~10GHz	11GHz	12~4GHz	15~38GHz		
				1.04	1.06	1.1	1.15		
K PLUG TO 3.5 JACK									
ADS-K3PC8	7	B6-B3	Stainless						
K JACK TO 3.5 PLUG									
ADS-K8PC3	8	B3-B6	Stainless	1~2GHz	3~11GHz	12GHz	13~22GHz	23~39GHz	
				1.02	1.05	1.08	1.12	1.2	
K JACK TO 3.5 JACK									
ADS-K8PC8	9	B3-B3	Stainless						

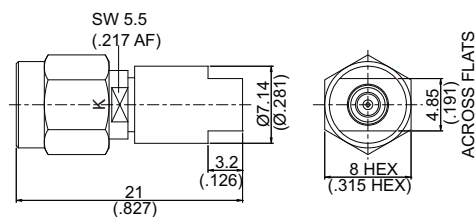


Figure 1.

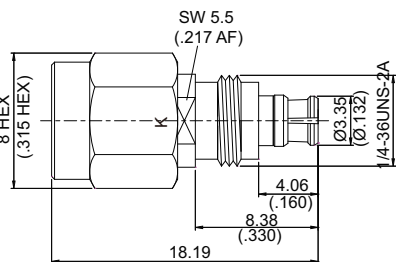


Figure 2.

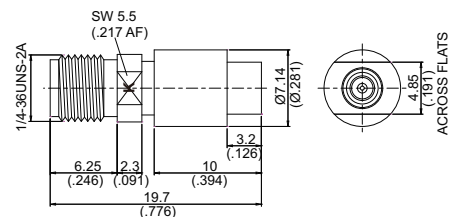


Figure 3.

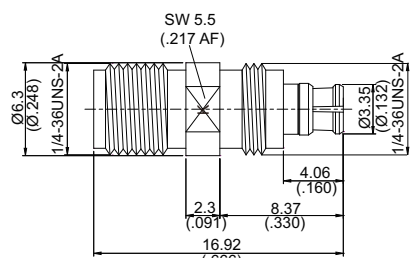


Figure 4.

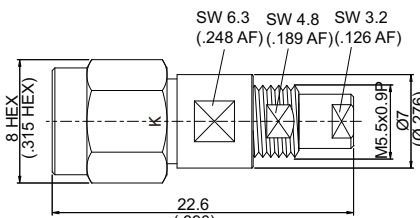


Figure 5.

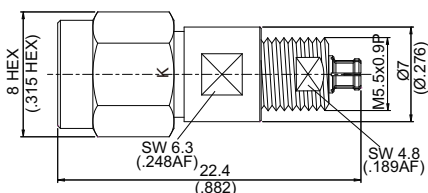


Figure 6.

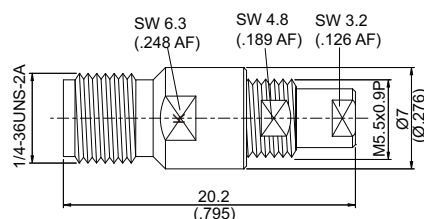


Figure 7

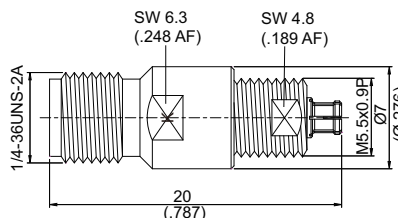


Figure 8.

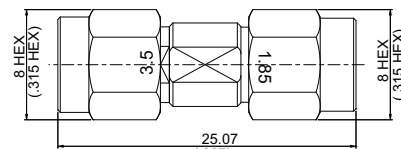


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR
K PLUG TO SMP PLUG				
ADS-K3PS3	1	B6-B3	Stainless;Smooth Bore	
ADS-K3PL3	1	B6-B3	Stainless;Limited Detent	
ADS-K3PF3	1	B6-B3	Stainless;Full Detent	
K PLUG TO SMP JACK				
ADS-K3P8	2	B3-B3	Stainless	
K JACK TO SMP PLUG				
ADS-K8PS3	3	B3-B3	Stainless;Smooth Bore	
ADS-K8PL3	3	B3-B3	Stainless;Limited Detent	
ADS-K8PF3	3	B3-B3	Stainless;Full Detent	
K JACK TO SMP JACK				
ADS-K8P8	4	B3-B3	Stainless	
K PLUG TO SMPM PLUG				
ADS-K3PMS3	5	B6-B3	Stainless;Smooth Bore	
ADS-K3PMF3	5	B6-B3	Stainless;Full Detent	
K PLUG TO SMPM JACK				
ADS-K3PM8	6	B6-B18		
K JACK TO SMPM PLUG				
ADS-K8PMS3	7	B3-B3	Stainless;Smooth Bore	
ADS-K8PMF3	7	B3-B3	Stainless;Full Detent	
K JACK TO SMPM JACK				
ADS-K8PM8	8	B3-B18		
3.5 PLUG TO 1.85 PLUG				
ADS-PC3-1.85/3	9	B6-B6	Stainless	

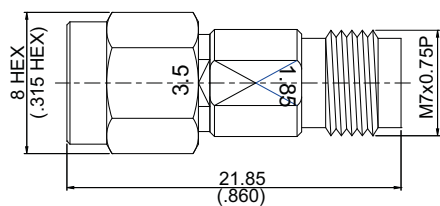


Figure 1.

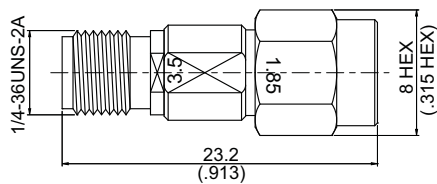


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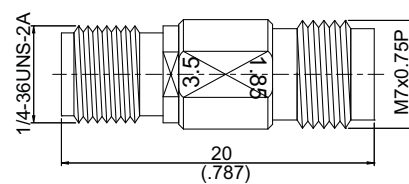


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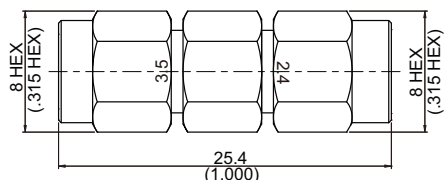


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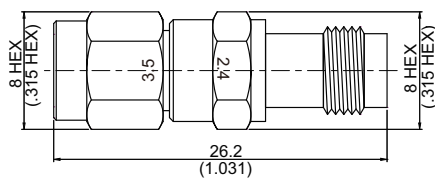


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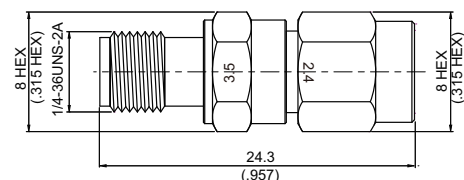


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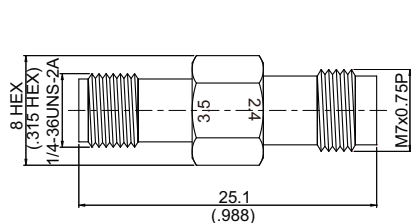


Figure 7

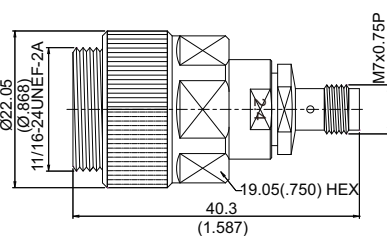


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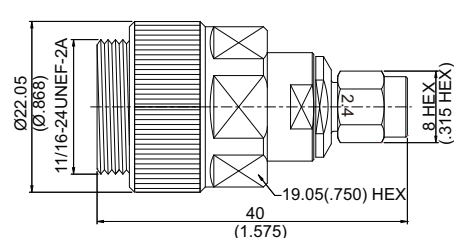


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR				
3.5 PLUG TO 1.85 JACK								
ADS-PC3-1.85/8	1	B6-B3	Stainless					
3.5 JACK TO 1.85 PLUG								
ADS-PC8-1.85/3	2	B3-B6	Stainless					
3.5 JACK TO 1.85 JACK								
ADS-PC8-1.85/8	3	B3-B3	Stainless					
3.5 PLUG TO 2.4 PLUG								
ADS-PC3-2.4/3	4	B6-B6	Stainless	1~9GHz	10GHz	11~19GHz	20~31GHz	32~40GHz
				1.03	1.09	1.10	1.19	1.22
3.5 PLUG TO 2.4 JACK								
ADS-PC3-2.4/8	5	B6-B3	Stainless	1GHz	2~9GHz	10~28GHz	29GHz	30~40GHz
				1.02	1.03	1.12	1.17	1.19
3.5 JACK TO 2.4 PLUG								
ADS-PC8-2.4/3	6	B3-B6	Stainless	1~5GHz	6~23GHz	24~29GHz	30~40GHz	
				1.03	1.10	1.11	1.22	
3.5 JACK TO 2.4 JACK								
ADS-PC8-2.4/8	7	B3-B3	Stainless	1~4GHz	5~13GHz	14~28GHz	29GHz	30~40GHz
				1.03	1.06	1.11	1.17	1.22
PC7 TO 2.4 JACK								
ADS-PC7-2.4/8	8	C13-B3						
PC7 TO 2.4 PLUG								
ADS-PC7-2.4/3	9	C13-A6						

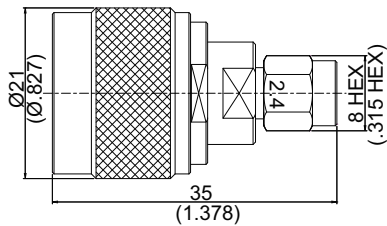


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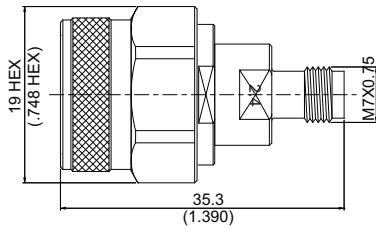


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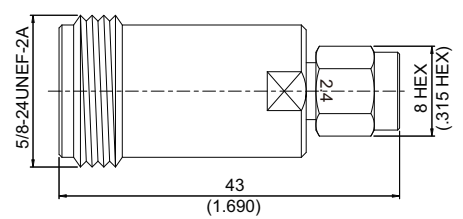


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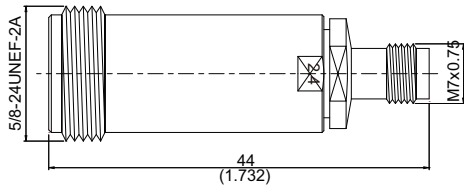


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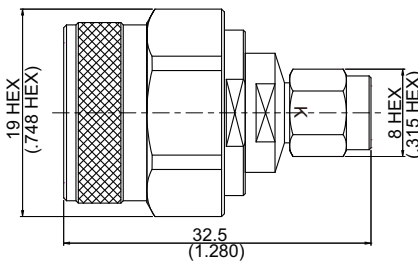


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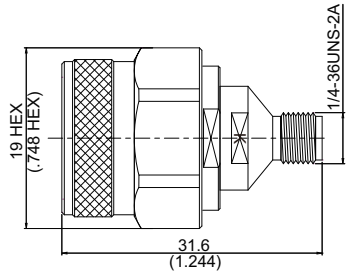


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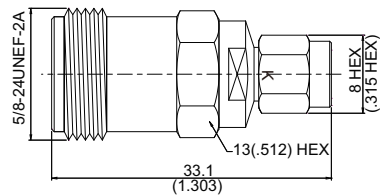


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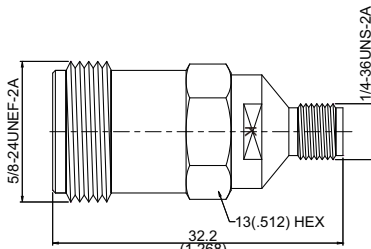


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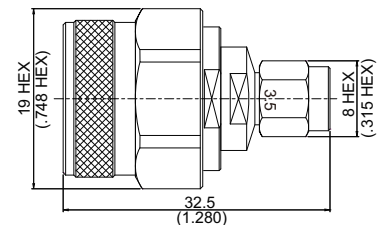


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR									
N PLUG TO 2.4 PLUG													
ADS-N3-2.4/3	1	B6-B6	Stainless	1GHz 1.03	2GHz 1.05	3GHz 1.06	4~8GHz 1.12	9GHz 1.13	10~11GHz 1.14	12~13GHz 1.19	14GHz 1.21	15~18GHz 1.28	
N PLUG TO 2.4 JACK													
ADS-N3-2.4/8	2	B6-B3	Stainless	1GHz 1.03	2GHz 1.04	3~4GHz 1.09		5~8GHz 1.14		9~18GHz 1.15			
N JACK TO 2.4 PLUG													
ADS-N8-2.4/3	3	B3-B6	Stainless	1GHz 1.04	2GHz 1.07	3~6GHz 1.12		7GHz 1.17	8~14GHz 1.19		15GHz 1.29		
N JACK TO 2.4 JACK													
ADS-N8-2.4/8	4	B3-B3	Stainless	1GHz 1.02	2GHz 1.03	3GHz 1.04	4~7GHz 1.06	8~11GHz 1.13	12~16GHz 1.15		17~18GHz 1.20		
N PLUG TO K PLUG													
ADS-N3K3	5	B6-B6	Stainless	1GHz 1.01	2GHz 1.03	3GHz 1.05	4~5GHz 1.06	6~15GHz 1.09	16GHz 1.14	17GHz 1.16	18GHz 1.20		
N PLUG TO K JACK													
ADS-N3K8	6	B6-B3	Stainless	1GHz 1.01	2~5GHz 1.02		6~8GHz 1.03	9~10GHz 1.04	11~13GHz 1.06		14~18GHz 1.11		
N JACK TO K PLUG													
ADS-N8K3	7	B3-B6	Stainless	1GHz 1.03	2~3GHz 1.04	4GHz 1.05	5~7GHz 1.08	8GHz 1.12	9~17GHz 1.15		18GHz 1.19		
N JACK TO K JACK													
ADS-N8K8	8	B3-B3	Stainless	1~4GHz 1.02	5GHz 1.06	6~9GHz 1.11	10GHz 1.15	11~16GHz 1.19	17GHz 1.20	18GHz 1.25			
N PLUG TO 3.5 PLUG													
ADS-N3PC3	9	B6-B6	Stainless	1~3GHz 1.05			4~6GHz 1.15		7~18GHz 1.2				

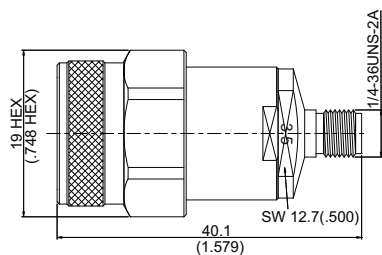


Figure 1.

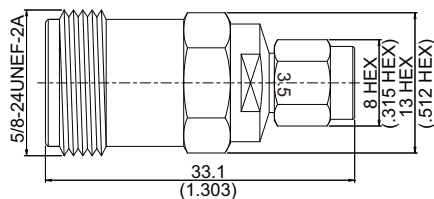


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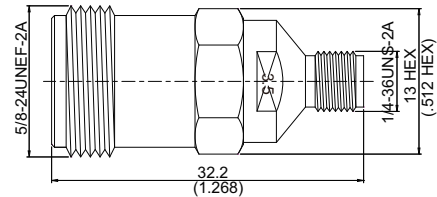


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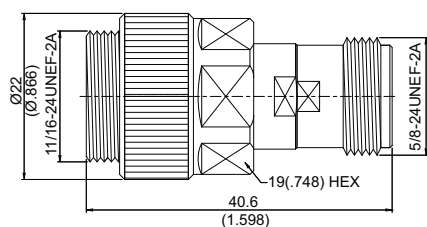


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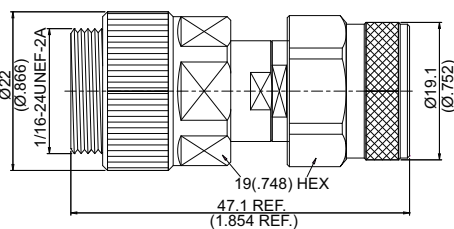


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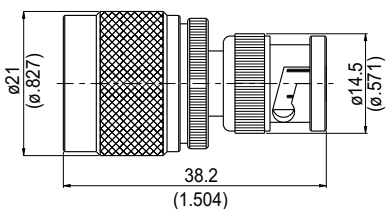


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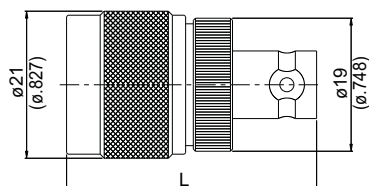


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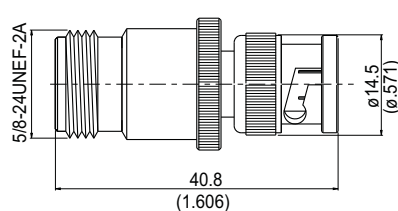


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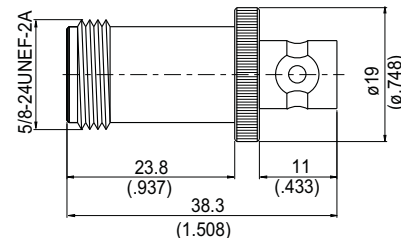


Figure 9.

PART NUMBER	Fig	Measurement	Material	Remarks	Typical VSWR			
N PLUG TO 3.5 JACK								
ADS-N3PC8	1		B6-B3	Stainless	1~3GHz	4~6GHz	7~18GHz	
					1.05	1.15	1.2	
N JACK TO 3.5 PLUG								
ADS-N8PC3	2		B3-B6	Stainless	1~3GHz	4~6GHz	7~18GHz	
					1.05	1.15	1.2	
N JACK TO 3.5 JACK								
ADS-N8PC8	3		B3-B3	Stainless	1~3GHz	4~6GHz	7~18GHz	
					1.05	1.15	1.2	
N JACK TO PC7								
AD-N8PC7-18	4		B2-C13	18GHz Precision				
N PLUG TO PC7								
AD-N3PC7-18	5		A13-C13	18GHz Precision				
N PLUG TO BNC PLUG								
AD-N3B3	6		A11-A11		1GHz	2GHz	3GHz	4GHz
					1.05	1.10	1.12	1.15
AD-N3B3-75	6		A11-A11	75Ω	1GHz			
					1.2			
N PLUG TO BNC HDTV JACK								
AD-N3BH8-75	7	L=32.7(1.287)		75Ω ; BNC HDTV	1~2GHz	3GHz	4GHz	
					1.06	1.14	1.2	
N PLUG TO BNC JACK								
AD-N3B8	7	L=35.7(1.406)	C11-C2		1GHz	2GHz	3GHz	4GHz
					1.05	1.07	1.14	1.27
AD-N3B9	7	L=35.7(1.406)	A11-A2	N Plug To BNC RP Jack	1GHz	2GHz	3~4GHz	
					1.11	1.17	1.20	
AD-N3B8-75	7	L=35.7(1.406)	C11-C2	75Ω	1GHz			
					1.30			
N JACK TO BNC PLUG								
AD-N8B3	8		B2-A11		1~2GHz	3~4GHz	5~6GHz	
					1.04	1.08	1.15	
AD-N8B3-75	8		B2-A11	75Ω	1GHz		2GHz	
					1.29		1.34	
N JACK TO BNC JACK								
AD-N8B8	9		B2-B2		1GHz	2GHz	3GHz	4GHz
					1.05	1.06	1.18	1.26

Material & Plating: See Page 374

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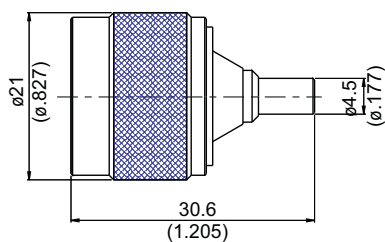


Figure 1.

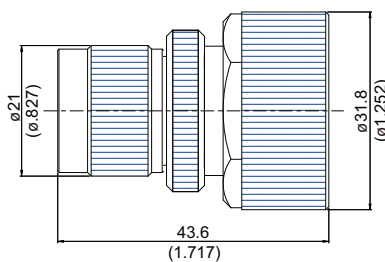


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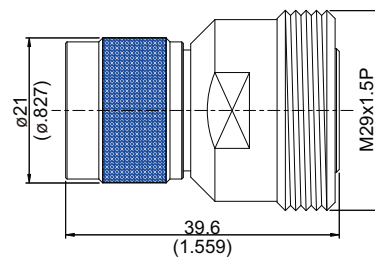


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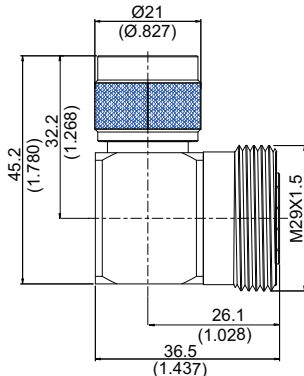


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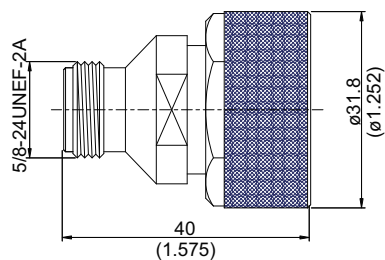


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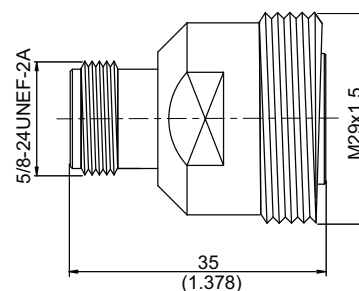


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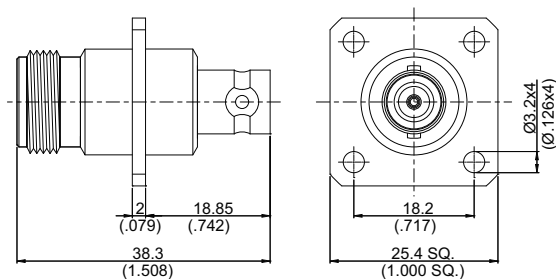
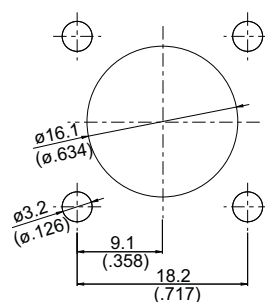


Figure 7



M.H. 107

ADAPTORS

PART NUMBER			Fig	M.H	Material	Typical VSWR			
N JACK TO BNC JACK FOR PANEL RECEPTACLE									
AD-N8B8-P4	7	107	B2-B2	1GHz	2GHz	3GHz	4GHz		
				1.08	1.09	1.20	1.23		
N PLUG TO MCX JACK									
AD-N3D8	1		A11-B1	1~2GHz	3GHz	4GHz	5~8GHz		
				1.05	1.08	1.16	1.31		
N PLUG TO 7/16 PLUG									
AD-N3DI3	2		A11-D11	1GHz	2~3GHz	4~5GHz	6~12.4GHz		
				1.03	1.07	1.15	1.25		
N PLUG TO 7/16 JACK									
AD-N3DI8	3		E11-E2	1GHz	2GHz	3~4GHz	5GHz	6~7GHz	8GHz
				1.03	1.07	1.11	1.16	1.24	1.30
N PLUG TO 7/16 JACK RIGHT ANGLE									
AL-N3DI8	4		A11-E2	1GHz	2GHz	3GHz	4GHz		
				1.05	1.12	1.17	1.36		
N JACK TO 7/16 PLUG									
AD-N8DI3	5		F2-D11	1GHz	2~3GHz	4~9GHz	10~11GHz		
				1.03	1.06	1.16	1.20		
N JACK TO 7/16 JACK									
AD-N8DI8	6		F2-F2	1GHz	2~4GHz	5~8GHz	9GHz		
				1.02	1.06	1.22	1.36		

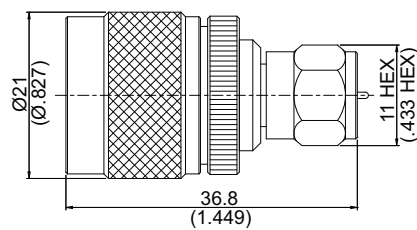


Figure 1.

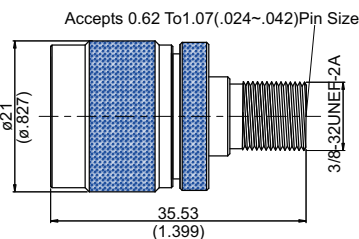


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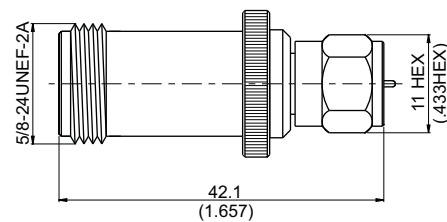


Figure 3.

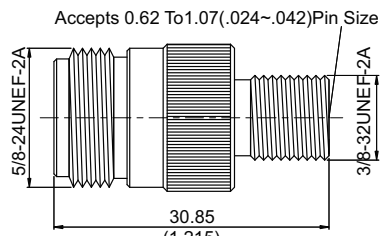


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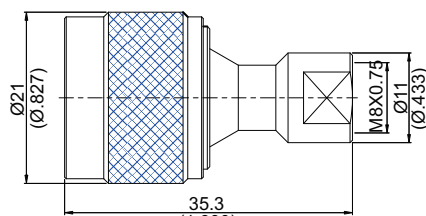


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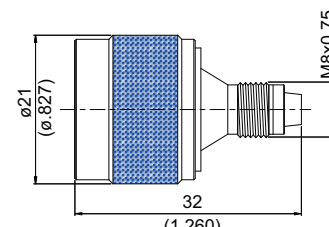


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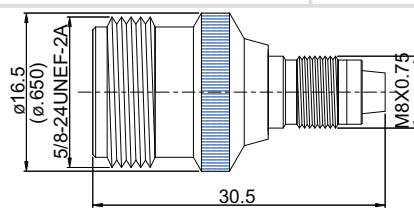


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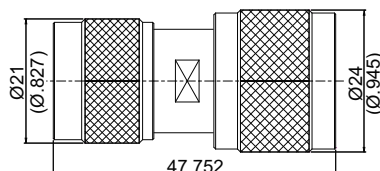


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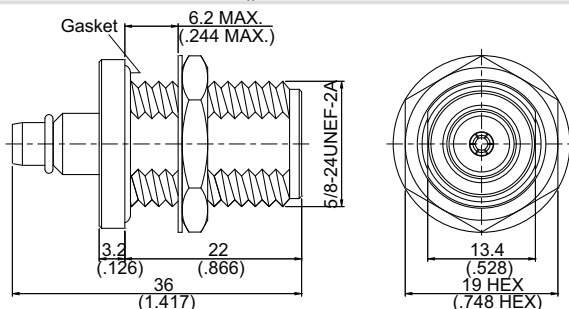
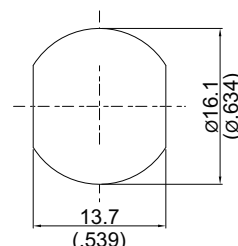


Figure 9.



M.H. 7

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR				
N PLUG TO F PLUG									
AD-N3F3	1		A11-A11		1 Ghz		2Ghz		3Ghz
					1.03		1.07		1.23
N PLUG TO F JACK									
AD-N3F8	2		B11-B2	75Ω	1GHz		2GHz		
					1.22		1.32		
AD-N3F8-50/75	2		C11-C2	50Ω N Plug To 75Ω F Jack					
N JACK TO F PLUG									
AD-N8F3	3		B2-B11	75Ω	1GHz		2GHz		3GHz
					1.21		1.22		1.33
N JACK TO F JACK									
AD-N8F8	4		B2-B2	75Ω	1GHz		2GHz		
					1.22		1.30		
N PLUG TO F JACK FOR BULKHEAD									
AD-J3N8-BF	9	7	B2-B2		1~2Ghz	3Ghz	4~6Ghz	7~8Ghz	9Ghz
					1.02	1.07	1.13	1.2	1.25
N PLUG TO FME PLUG									
AD-N3FME3	5		A11-A2		1GHz		2GHz		
					1.08		1.11		
N PLUG TO FME JACK									
AD-N3FME8	6		C11-C2		1GHz		2GHz		
					1.07		1.20		
N JACK TO FME JACK									
AD-N8FME8	7		C2-C2		1GHz		2GHz		
					1.08		1.23		
N PLUG TO HN PLUG									
AD-N3HN3	8		A16-A16		1~2Ghz		3~4Ghz		
					1.15		1.2		

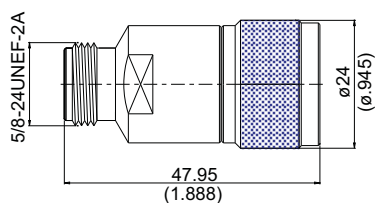


Figure 1.

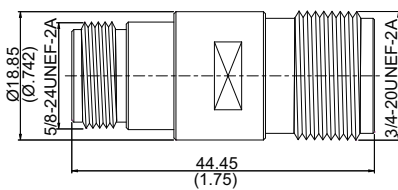


Figure 2.

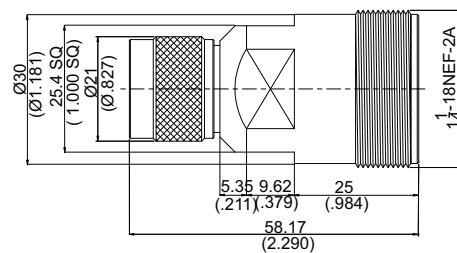


Figure 3.

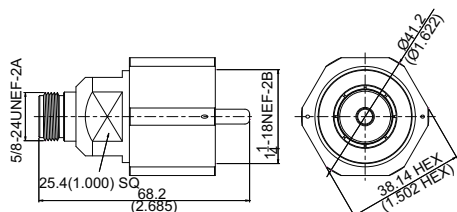


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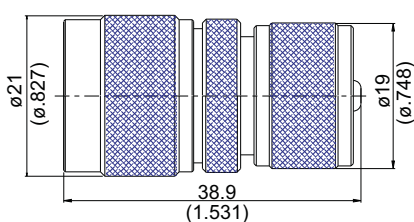


Figure 5.

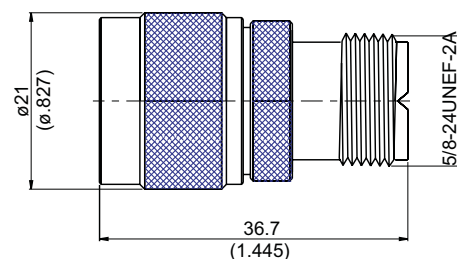


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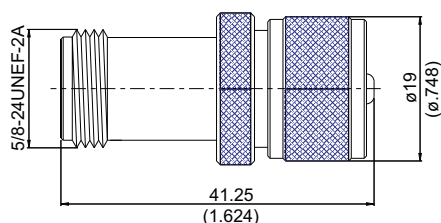


Figure 7

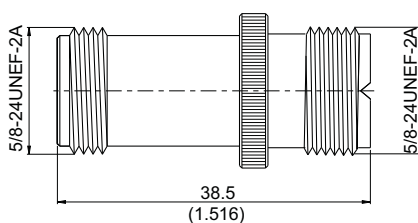


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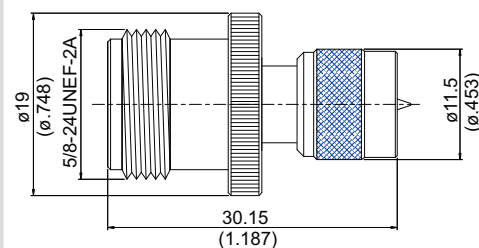


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR							
N JACK TO HN PLUG											
AD-N8HN3	1	B2-B11		1GHz	2GHz	3GHz	4GHz	5GHz	6GHz	7GHz	8GHz
				1.02	1.03	1.12	1.16	1.17	1.22	1.24	1.25
N JACK TO HN JACK											
AD-N8HN8	2	F17-F17		1~2Ghz				3~4Ghz			
				1.15				1.2			
N PLUG TO LC JACK											
AD-N3LC8	3	F11-F2	LC Comes With Black Dust Cap; Small LC Standard Jack Interface	1GHz							
				1.2							
N JACK TO LC PLUG											
AD-N8LC3	4	F2-F11	Small LC Standard Jack Interface	0.5Ghz				1Ghz			
				1.02				1.2			
N PLUG TO UHF PLUG											
AD-N3M3	5	A11-A11		300 MHz							
				1.13							
N PLUG TO UHF JACK											
AD-N3M8	6	A11-C2		0.5GHz							
				1.18							
N JACK TO UHF PLUG											
AD-N8M3	7	B2-A11		300 Mhz							
				1.18							
N JACK TO UHF JACK											
AD-N8M8	8	B2-C2		300 MHz							
				1.14							
N JACK TO MINI UHF PLUG											
AD-N8MU3	9	B2-A11		1GHz		2GHz		3GHz			
				1.07		1.13		1.25			

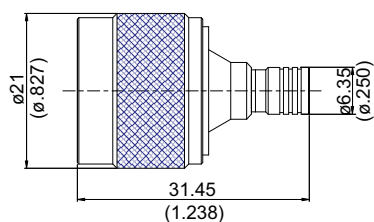


Figure 1.

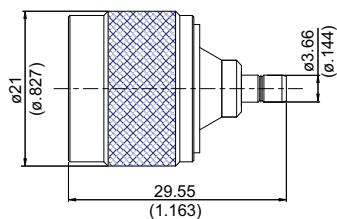


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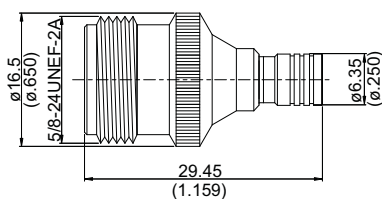


Figure 3.

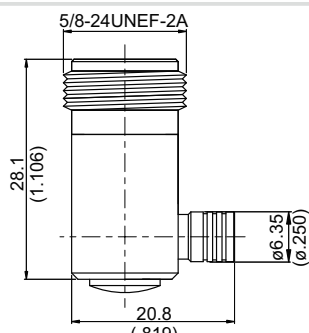


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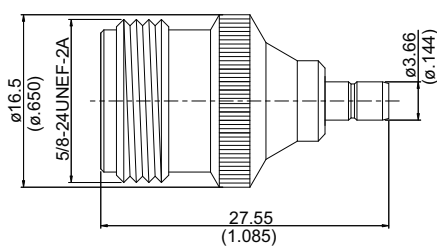


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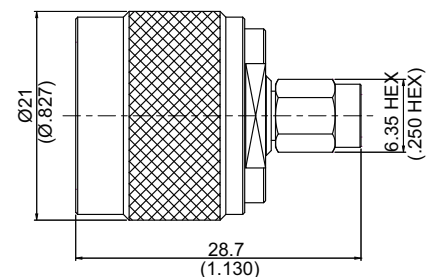


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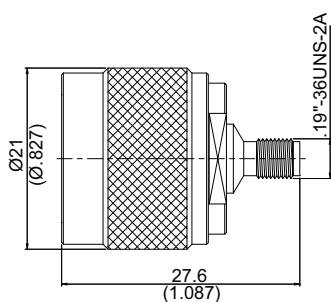


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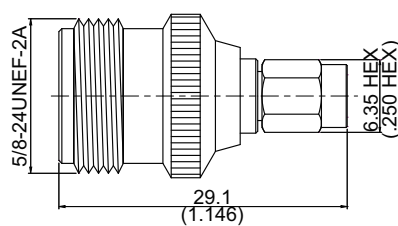


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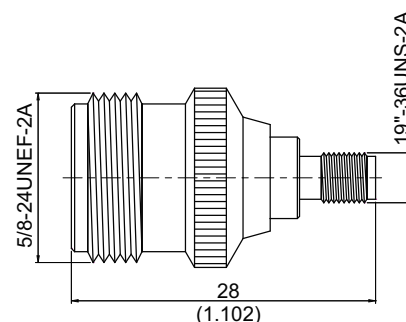


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR				
N PLUG TO SMB PLUG								
AD-N3S3	1	B11-B1		1~2GHz		3GHz	4GHz	
				1.06		1.07	1.10	
N PLUG TO SMB JACK								
AD-N3S8	2	A11-A1	75Ω;Mini SMB Interface	1GHz	2GHz	3GHz	4GHz	5GHz
				1.03	1.07	1.13	1.20	1.28
AD-N3S8-75	2	A11-A1		1GHz				
				1.21				
N JACK TO SMB PLUG								
AD-N8S3	3	B2-B1		1GHz	2GHz	3GHz	4GHz	5GHz
				1.03	1.06	1.11	1.17	1.18
N JACK TO SMB PLUG RIGHT ANGLE								
AL-N8S3	4	C2-C1		1GHz	2GHz	3GHz	4GHz	
				1.04	1.09	1.16	1.20	
N JACK TO SMB JACK								
AD-N8S8	5	C2-C1		1GHz		2~3GHz		4GHz
				1.09		1.12		1.23
N PLUG TO SSMA PLUG								
AD-N3SA3	6	A11-A4		1GHz	2GHz	3GHz	4~6GHz	7~11GHz
				1.03	1.07	1.1	1.15	1.35
N PLUG TO SSMA JACK								
AD-N3SA8	7	B11-B1		1GHz	2GHz	3GHz	4~6GHz	7GHz
				1.03	1.07	1.1	1.15	1.2
N JACK TO SSMA PLUG								
AD-N8SA3	8	B2-B4		1GHz	2~3GHz	4GHz	5~8GHz	9GHz
				1.03	1.04	1.10	1.20	1.29
N JACK TO SSMA JACK								
AD-N8SA8	9	B2-B1		1~2GHz	3GHz	4GHz	5~8GHz	9GHz
				1.04	1.05	1.11	1.17	1.27

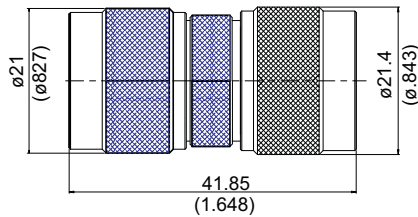


Figure 1.

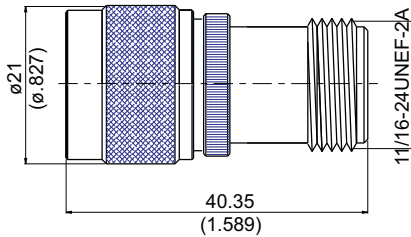


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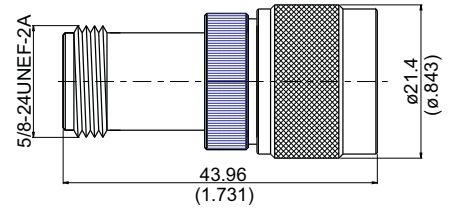


Figure 3.

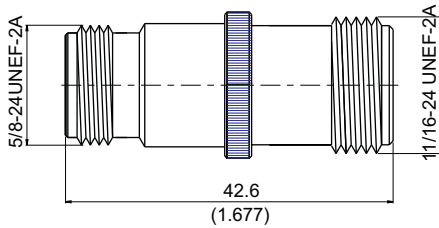


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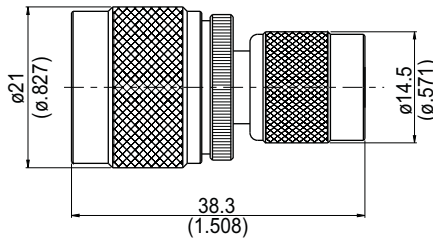


Figure 5.

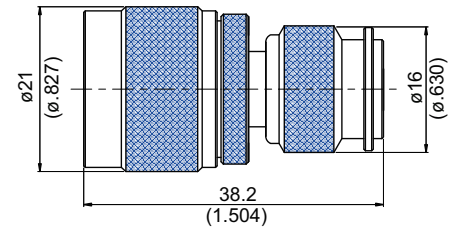


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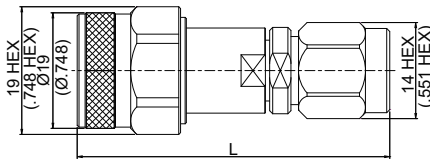


Figure 7

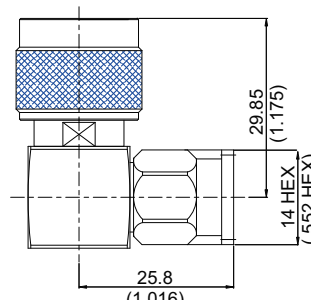


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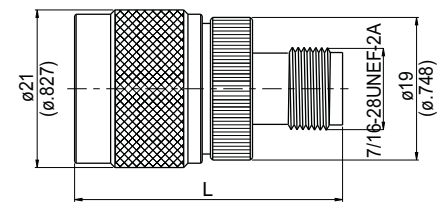


Figure 9.

PART NUMBER	Fig	Measurement	Material	Remarks	Typical VSWR			
N PLUG TO SC PLUG								
AD-N3SC3	1		A11-A11					
N PLUG TO SC JACK								
AD-N3SC8	2		A11-B2					
N JACK TO SC PLUG								
AD-N8SC3	3		B2-A11		1~2GHz	3GHz	4~8GHz	9~12GHz
					1.03	1.14	1.23	1.25
N JACK TO SC JACK								
AD-N8SC8	4		B2-B2		1GHz	2GHz	3GHz	4~12GHz
					1.02	1.06	1.13	1.24
N PLUG TO TNC PLUG								
AD-N3T3	5		A11-A11		1~2GHz	3GHz	4~6GHz	7GHz
					1.07	1.15	1.20	1.28
AD-N3T6	5		C11-C11	N Plug To TNC RP Plug	1~3GHz	4GHz	5~10GHz	
					1.07	1.18	1.30	
AD-N3T3-75	6		A11-A11	75Ω				
AD-N3T3-18	7	L=51.4 (2.024)	A11-A11	18GHz Precision	1 Ghz	2~3 Ghz	4~5 Ghz	6~14 Ghz
					1.02	1.05	1.06	1.13
ADS-N3T3-18	7	L=48(1.890)	B6-B6	Stainless ;18 GHz Precision	1~2GHz	3~5GHz	6~11GHz	12~18GHz
					1.03	1.05	1.08	1.15
N PLUG TO TNC PLUG RIGHT ANGLE								
ALS-N3T3	8		B6-B6	Stainless	1~3GHz	4~6GHz	7GHz	8~12GHz
					1.02	1.10	1.16	1.20
N PLUG TO TNC JACK								
AD-N3T8	9	L=36.4(1.433)	A11-B2		1GHz	2GHz	3GHz	4GHz
					1.01	1.04	1.19	1.27
AD-N3T8-75	9	L=36.4(1.433)	A11-B2	75Ω	1GHz	2GHz	3GHz	4GHz
					1.16	1.18	1.27	1.30
AD-N3T9	9	L=35.7(1.406)	A11-A2	N Plug To TNC RP Jack	1GHz	2GHz	3GHz	4GHz
					1.11	1.23	1.34	1.34

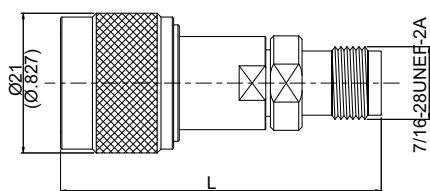


Figure 1.

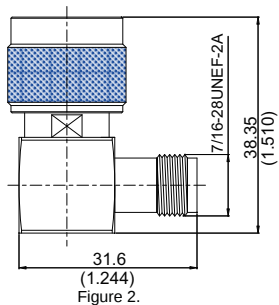


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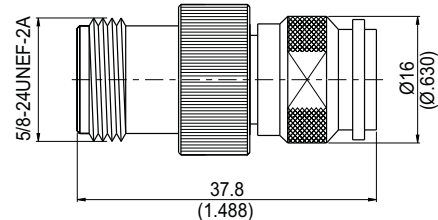


Figure 3.

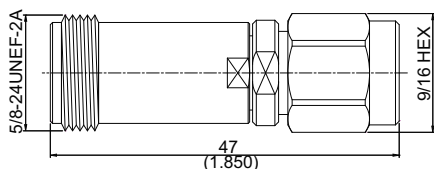


Figure 4.

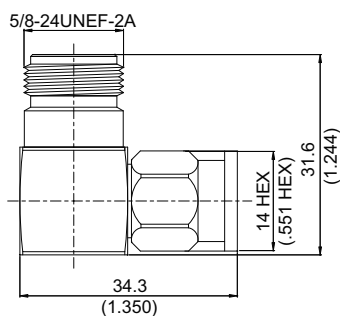


Figure 5.

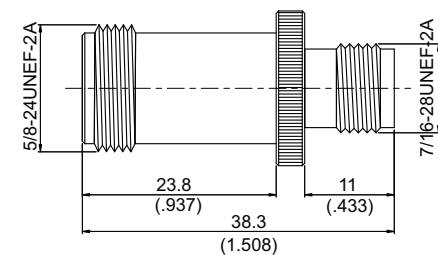


Figure 6.

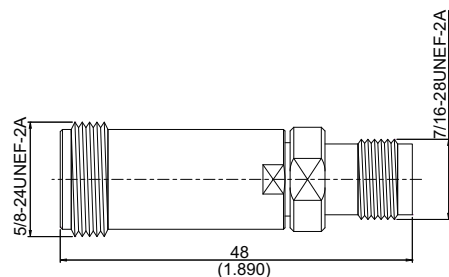


Figure 7

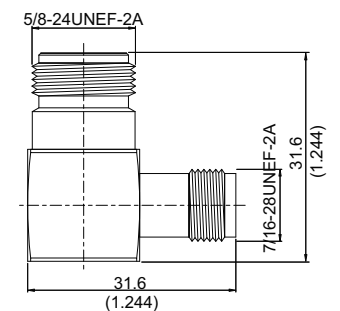


Figure 8.

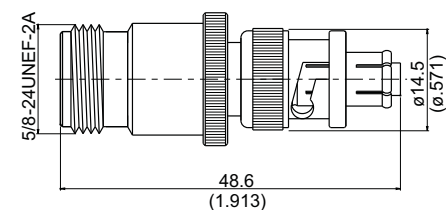


Figure 9.

PART NUMBER	Fig	Measurement	Material	Remarks	Typical VSWR							
N PLUG TO TNC JACK												
AD-N3T8-18	1	L=48.2(1.898)	A11-B2	18 GHz Precision	1GHz 1.03	2GHz 1.05	3GHz 1.06	4-5GHz 1.1	6GHz 1.15	7-8GHz 1.17	9-13GHz 1.19	14-18GHz 1.2
ADS-N3T8-18	1	L= 47 (1.850)		Stainless;Hex Coupling Nut 18 GHz Precision	1GHz 1.05	2-3GHz 1.07		4-9GHz 1.1		10-18GHz 1.15		
N PLUG TO TNC JACK RIGHT ANGLE												
ALS-N3T8	2		B6-B3	Stainless	1GHz 1.04	2-4GHz 1.08	5GHz 1.09	6-7GHz 1.13	8-9GHz 1.20	10-13GHz 1.25		
N JACK TO TNC PLUG												
AD-N8T3	3		C2-A11		1-3GHz 1.09	4GHz 1.11	5-9GHz 1.14	10GHz 1.18	11GHz 1.22			
AD-N8T6	3		C2-C11	N Jack To TNC RP Plug	1GHz 1.05		2-3GHz 1.07		4-5GHz 1.18			
ADS-N8T3-18	4		B3-A6	Stainless 18 GHz Precision	1-2 Ghz 1.03			3-18 Ghz 1.15				
N JACK TO TNC PLUG RIGHT ANGLE												
ALS-N8T3	5		B3-B6	Stainless	1GHz 1.03	2-3GHz 1.05	4GHz 1.13	5-9GHz 1.15	10-11GHz 1.20	12GHz 1.31		
N JACK TO TNC JACK												
AD-N8T8	6		C2-C2		1GHz 1.03	2GHz 1.07	3GHz 1.10	4-8GHz 1.22				
ADS-N8T8-18	7		B3-B3	Stainless;18 GHz Precision	1-5 Ghz 1.08			6-18 Ghz 1.14				
N JACK TO TNC JACK RIGHT ANGLE												
ALS-N8T8	8		B3-B3	Stainless	1-3GHz 1.06	4-11GHz 1.19	12GHz 1.22	13GHz 1.30				
N JACK TO SHV PLUG												
AD-N8V3	9		B2-B11		300MHz 1.16							

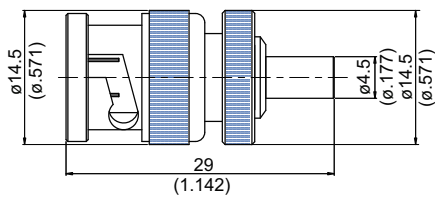


Figure 1.

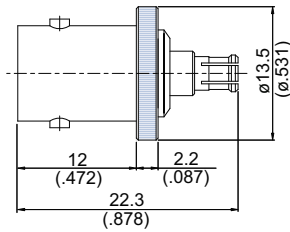


Figure 2.

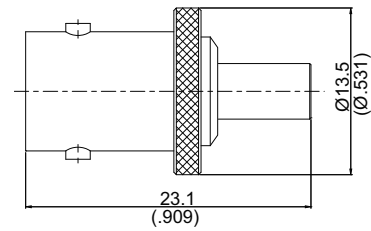


Figure 3.

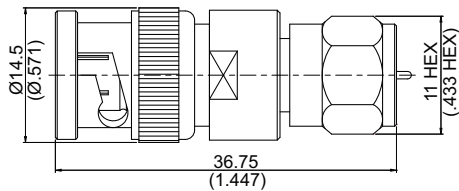


Figure 4.

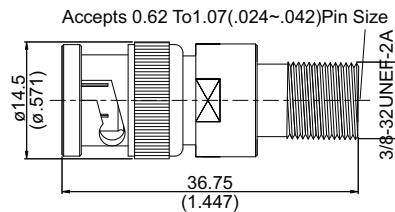


Figure 5.

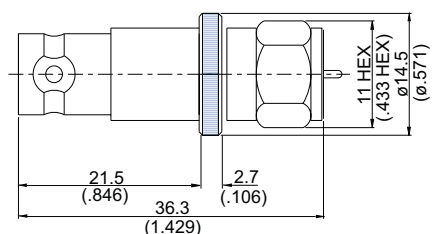


Figure 6.

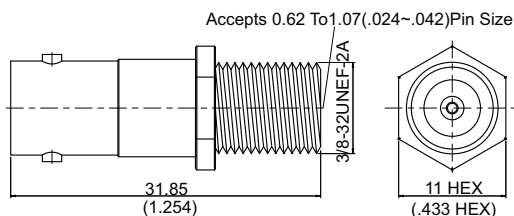


Figure 7

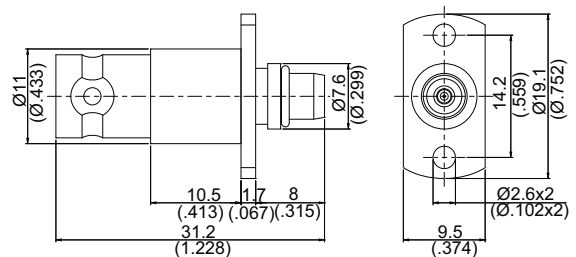


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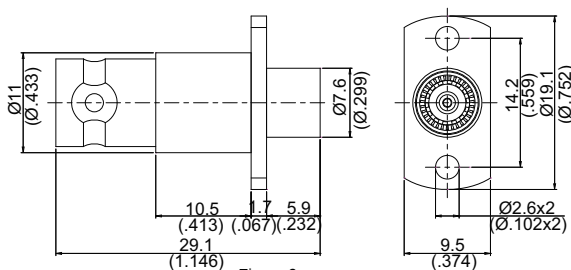
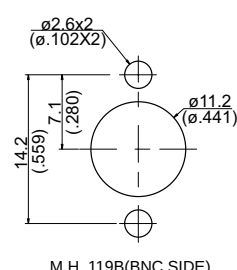
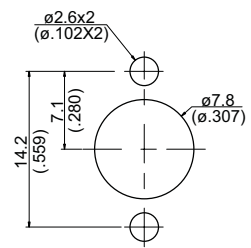


Figure 9.



M.H. 119B(BNC SIDE)



M.H. 119C(BMA SIDE)

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR				
BNC PLUG TO MCX JACK									
AD-B3D8	1		C2-C1		1GHz	2GHz	3GHz	4-5GHz	6GHz
					1.01	1.07	1.04	1.08	1.12
BNC JACK TO MCX PLUG									
AD-B8D3	2		C2-C9		1GHz	2-3GHz	4GHz		
					1.04	1.06	1.13		
BNC JACK TO MCX JACK									
AD-B8D8	3		B2-B1		1GHz	2GHz	3GHz	4GHz	
					1.05	1.06	1.14	1.18	
BNC PLUG TO F PLUG									
AD-B3F3	4		A11-A11		1Ghz	2Ghz	2.5Ghz		
					1.06	1.14	1.22		
BNC PLUG TO F JACK									
AD-B3F8	5		C11-C2	75Ω	1GHz	2-3GHz	4GHz		
					1.12	1.21	1.31		
BNC JACK TO F PLUG									
AD-B8F3	6		B2-B11	75Ω	1GHz	2-2.7GHz			
					1.23	1.28			
BNC JACK TO F JACK									
AD-B8F8	7		C2-C2	75Ω	1GHz				
					1.23				
BNC JACK TO BMA PLUG FOR PANEL RECEPTACLE									
AD-B8J3-P2	8	119B&119C	B2-B2		1 Ghz	2 Ghz	3-4 Ghz		
					1.06	1.09	1.15		
BNC JACK TO BMA JACK FOR PANEL RECEPTACLE									
AD-B8J8-P2	9	119B&119C	B2-B2		1 Ghz	2 Ghz	3-4 Ghz		
					1.06	1.09	1.15		

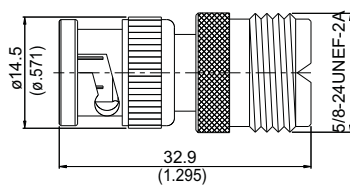


Figure 1.

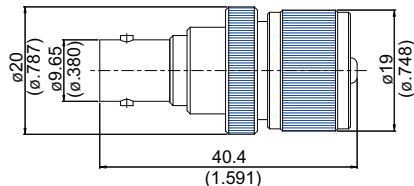


Figure 2.

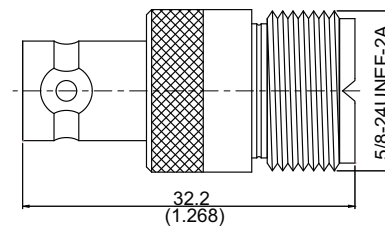


Figure 3.

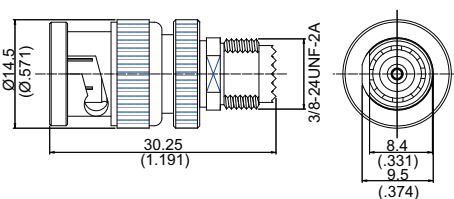


Figure 4.

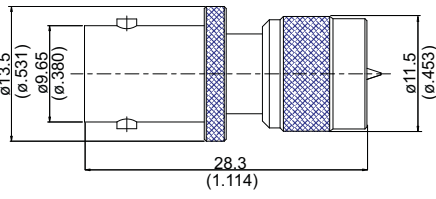


Figure 5.

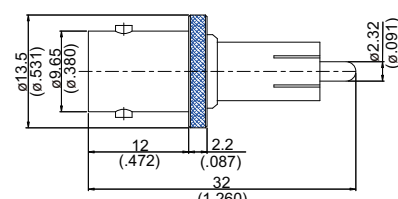


Figure 6.

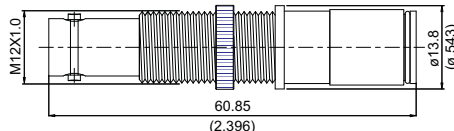


Figure 7

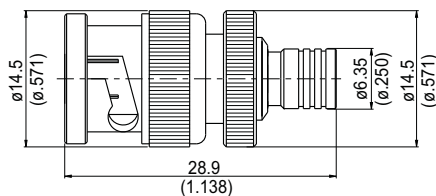


Figure 8.

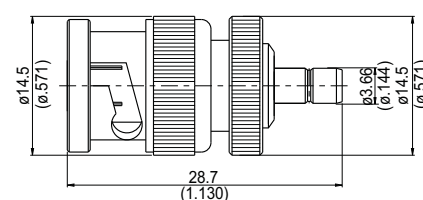
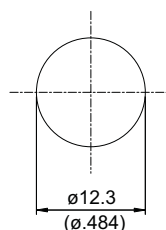


Figure 9.



M.H. 119

PART NUMBER	Fig	M.H	Material	Typical VSWR					
BNC PLUG TO UHF JACK									
AD-B3M8	1		C11-C2	1GHz 1.20					
BNC JACK TO UHF PLUG									
AD-B8M3	2		C2-A11	300Mhz 1.12		500Mhz 1.24			
BNC JACK TO UHF JACK									
AD-B8M8	3		C2-C2	300Mhz 1.07					
BNC PLUG TO MINI UHF JACK									
AD-B3MU8	4		B11-B2	1GHz 1.16		2GHz 1.23			
BNC JACK TO MINI UHF PLUG									
AD-B8MU3	5		B2-B11	1GHz 1.10		2GHz 1.12		3GHz 1.19	
BNC JACK TO MINI RCA PLUG									
AD-B8MRCA3	6		B2-A2						
BNC JACK TO PAL JACK FOR BULKHEAD									
AD-B8PA8-BF	7	119	B17-B17						
BNC PLUG TO SMB PLUG									
AD-B3S3	8		C11-C1	1~3GHz 1.04		4GHz 1.06			
BNC PLUG TO SMB JACK									
AD-B3S8	9		A11-A1	1GHz 1.04		2GHz 1.08		3GHz 1.09	4GHz 1.16

Material & Plating: See Page 374

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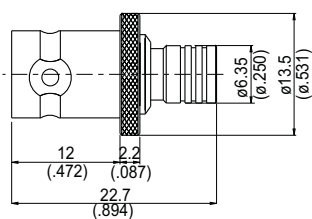


Figure 1.

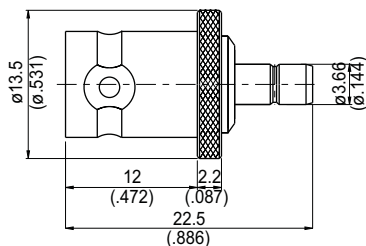


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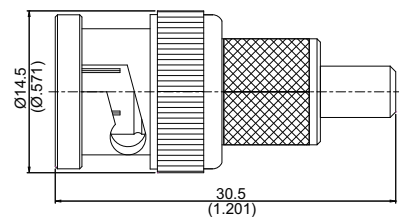


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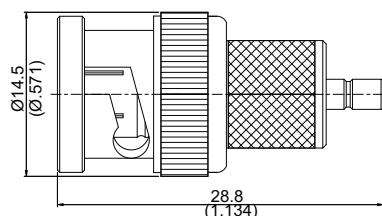


Figure 4.

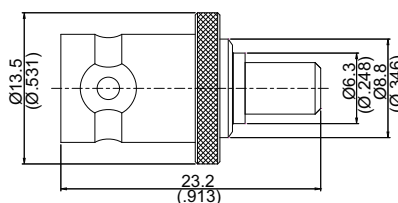


Figure 5.

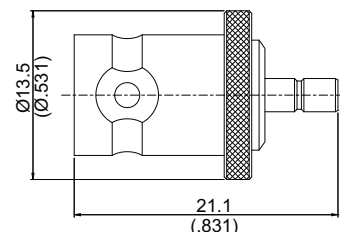


Figure 6.

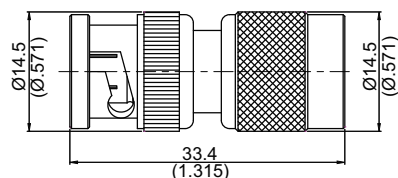


Figure 7

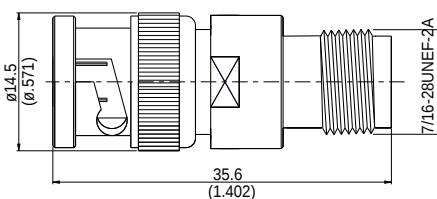


Figure 8.

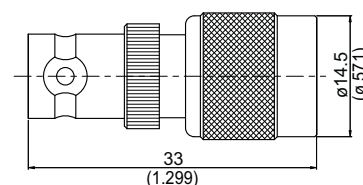


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR			
BNC JACK TO SMB PLUG							
AD-B8S3	1	C2-C1	Mini SMB 75Ω Interface	1GHz	2GHz	3GHz	4GHz
				1.02	1.04	1.08	1.20
AD-B8S3-75	1	C2-C1		1~2GHz	3GHz		
				1.25	1.29		
BNC JACK TO SMB JACK							
AD-B8S8	2	B2-B1		1GHz	2GHz	3GHz	4GHz
				1.05	1.11	1.22	1.26
BNC PLUG TO SSMB PLUG							
AD-B3SB3	3	B11-B1		1Ghz	2Ghz	3~4GHz	
				1.05	1.14	1.16	
BNC PLUG TO SSMB JACK							
AD-B3SB8	4	A11-A2		1~2GHz	3~4GHz		
				1.06	1.2		
BNC JACK TO SSMB PLUG							
AD-B8SB3	5	A2-A1		1~2GHz	3GHz	4GHz	
				1.03	1.05	1.15	
BNC JACK TO SSMB JACK							
AD-B8SB8	6	B2-B1		1GHz	2~3GHz	4GHz	
				1.04	1.05	1.11	
BNC PLUG TO TNC PLUG							
AD-B3T3	7	A11-A11		1~2GHz	3GHz	4GHz	
				1.15	1.16	1.31	
BNC PLUG TO TNC JACK							
AD-B3T8A	8	B11-B2		1~3GHz	4GHz		
				1.14	1.19		
BNC JACK TO TNC PLUG							
AD-B8T3	9	C2-C11		1GHz	2GHz	3GHz	
				1.08	1.09	1.20	
AD-B8T3-75	9	C2-C11		75Ω			

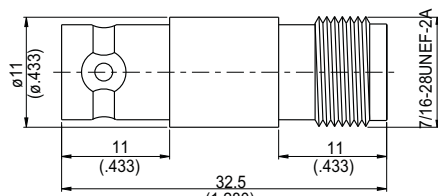


Figure 1.

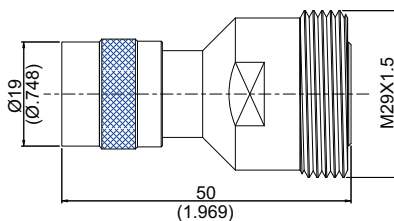


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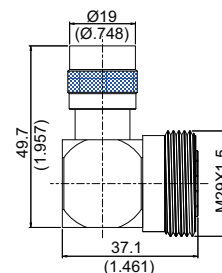


Figure 3.

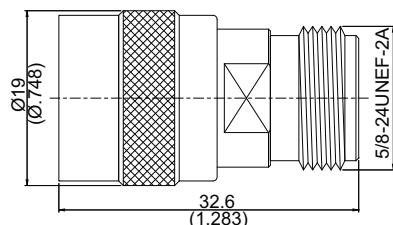


Figure 4.

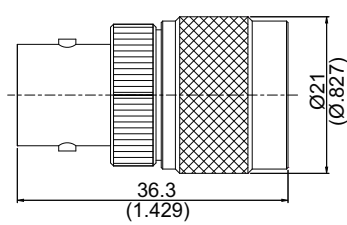


Figure 5.

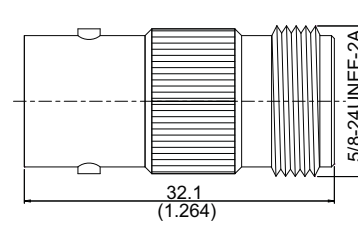


Figure 6.

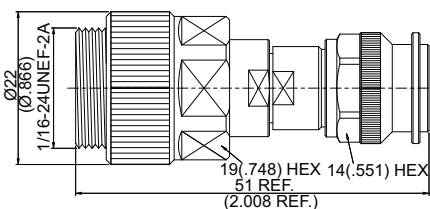


Figure 7

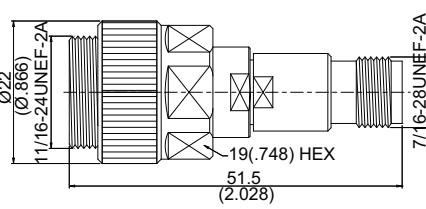


Figure 8.

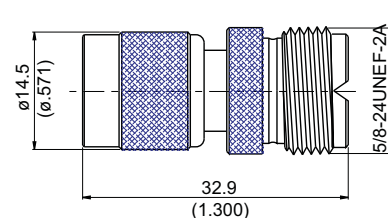


Figure 9.

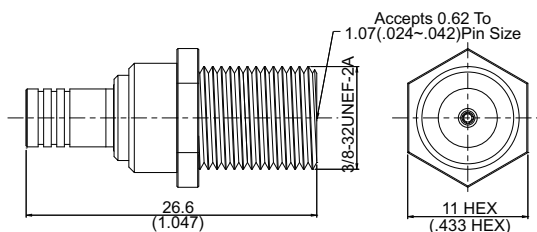


Figure 10

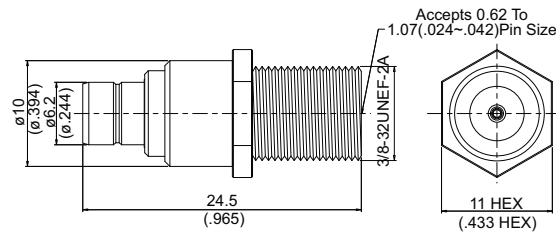


Figure 11.

PART NUMBER	Fig	Material	Remarks	Typical VSWR				
BNC JACK TO TNC JACK								
AD-B8T8	1	C2-C2		1GHz			2~4GHz	
				1.14			1.19	
C PLUG TO 7/16 JACK								
AD-C3DI8	2	E11-E2		1GHz	2GHz	3GHz	4GHz	5GHz
				1.08	1.18	1.26	1.21	1.33
C PLUG TO 7/16 JACK RIGHT ANGLE								
AL-C3DI8	3	A11-E2		1~2GHz		3GHz	4GHz	
				1.16		1.25	1.35	
C PLUG TO N JACK								
AD-C3N8	4	B11-B2		1Ghz	2Ghz	3GHz	4GHz	
				1.04	1.07	1.1	1.2	
C JACK TO N PLUG								
AD-C8N3	5	B2-B11		1Ghz	2Ghz	3GHz	4GHz	
				1.05	1.07	1.09	1.17	
C PLUG TO N PLUG								
AD-C8N8	6	B2-B2		1Ghz	2~3Ghz	4~6GHz		
				1.06	1.09	1.3		
SMB PLUG TO F JACK								
AD-S3F8-M	10	B1-C2	75Ω Mini SMB Interface					
SMB JACK TO F JACK								
AD-S8F8-S	11	A17-C17	75Ω;Standard SMB Interface					
PC7 TO TNC PLUG								
AD-PC7T3-18	7	C13-A11	18GHz Precision					
PC7 TO TNC JACK								
AD-PC7T8-18	8	C13-B2	18GHz Precision					
TNC PLUG TO UHF JACK								
AD-T3M8	9	C11-C2		300Mhz				
				1.19				

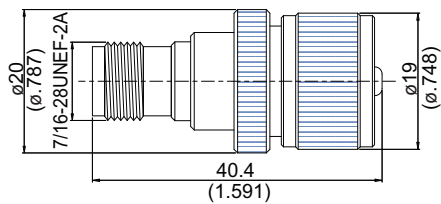


Figure 1.

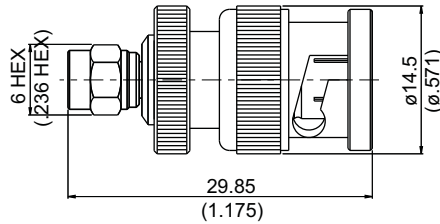


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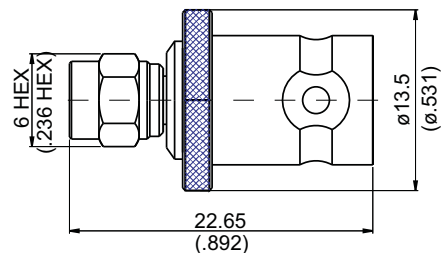


Figure 3.

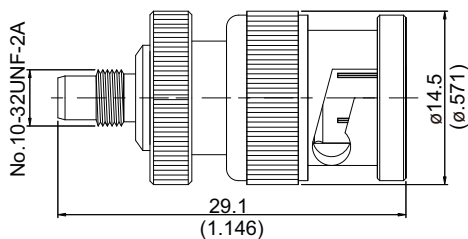


Figure 4.

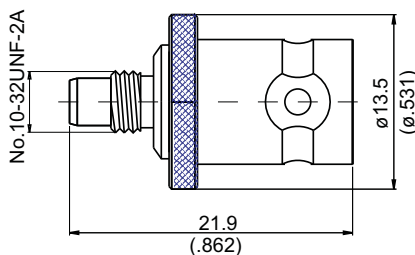


Figure 5.

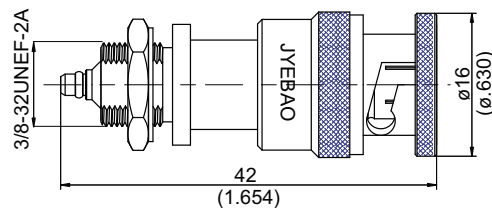


Figure 6.

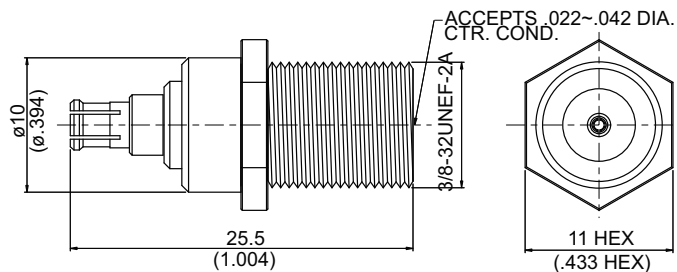
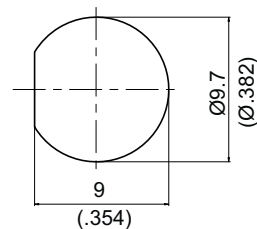


Figure 7



M.H. 4

PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR		
TNC JACK TO UHF PLUG							
AD-T8M3	1		C2-A11		1GHz	2GHz	
					1.14	1.26	
MCX PLUG TO F JACK							
AD-D3F8	7		A9-C11	Impedance=75Ω	1GHz	2GHz	
					1.22	1.34	
SMC PLUG TO BNC PLUG							
AD-MC3B3	2		B4-B11		1GHz	2~3GHz	4GHz
					1.05	1.10	1.12
SMC PLUG TO BNC JACK							
AD-MC3B8	3		B4-B2		1~3GHz	4GHz	
					1.04	1.13	
SMC JACK TO BNC PLUG							
AD-MC8B3	4		A1-A2		1~2GHz	3GHz	4GHz
					1.08	1.12	1.14
SMC JACK TO BNC JACK							
AD-MC8B8	5		B1-B2		1~2GHz	3~4GHz	
					1.05	1.11	
BNC PLUG TO MMCX PLUG FOR BULKHEAD							
ADNP-E3B3-BFA	6	4	A2-A13	NP=Stainless Steel Nut	1~2GHz	3GHz	4~5GHz
					1.17	1.22	1.30

SNAP ON ADAPTORS

FEATURES

Snap on adaptors do not use threaded coupling nuts and come in two types: with and without a snap on locking mechanism. Sliding snap on connectors / adaptors together will result in a mating. Snap on adaptors are not only easy to connect and disconnect but also ensure a highly repeatable performance.

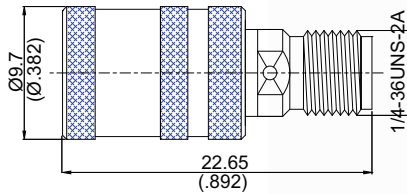


Figure 1.

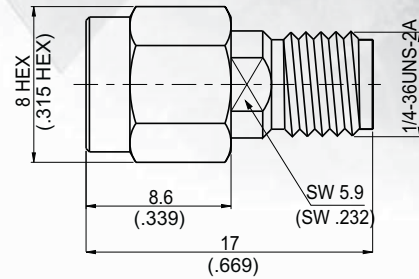


Figure 2.

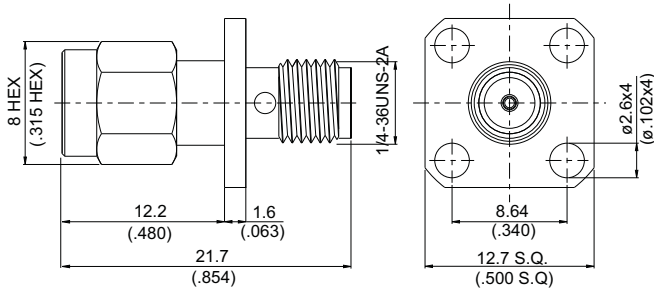


Figure 3.

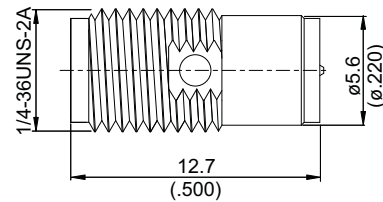


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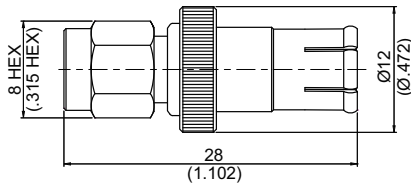


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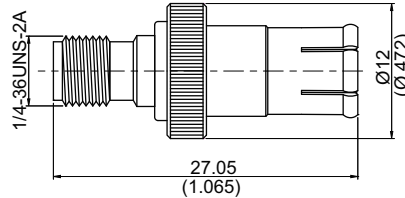
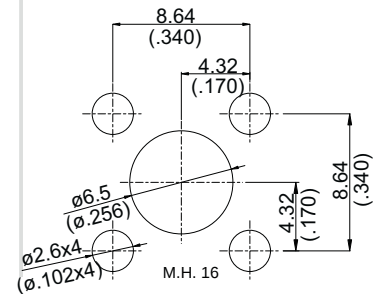


Figure 6.



PART NUMBER	Fig	M.H	Material	Remarks	Typical VSWR							
SNAP ON SMA PLUG TO SMA JACK												
ADS-AQ3A8	1		B6-B3	Stainless;Snap On The Coupling Nut And Then Give A Little Turn; With Locking Mechanism	1~3GHz	4~8GHz	9~10GHz	11~15GHz	16GHz	17GHz	18GHz	
					1.04	1.05	1.07	1.09	1.20	1.31	1.34	
ADSG-AQ3A8	2		B15-B14	Gold Plated Stainless; Without Locking Mechanism	1~2GHz	3~6GHz	7~13GHz	14~16GHz	17GHz	18GHz		
					1.03	1.04	1.06	1.07	1.09	1.17		
AD-AQ3A8	2		B4-B1	Without Locking Mechanism	1GHz	2GHz	3GHz	4~8GHz	9~14GHz	15GHz		
					1.04	1.05	1.06	1.10	1.20	1.28		
ADS-AQ6A8	2		B6-B3	Stainless;Reverse Polarity Snap On SMA Plug; Without Locking Mechanism	1~4GHz	5GHz	6~12GHz	13~17GHz	18GHz			
					1.05	1.08	1.11	1.12	1.15			
SNAP ON SMA PLUG TO SMA JACK FOR PANEL RECEPTACLE												
ADSG-AQ3A8-P4	3	16	B15-B14	Gold Plated Stainless Steel; Without Locking Mechanism	1GHz	2~5GHz	6GHz	7GHz	8GHz	9~10GHz	11GHz	12~18GHz
					1.03	1.04	1.06	1.07	1.14	1.20	1.21	1.23
SMA JACK TO SNAP ON REVERSE POLARITY SMA JACK												
ADS-A8AQ9	4		B3-B3	Stainless;Without Locking Mechanism								
SMA PLUG TO SNAP ON TNC PLUG												
AD-A3TQ3	5		A4-A2	Without Locking Mechanism	1~2GHz	3GHz		4GHz				
					1.06	1.11		1.28				
SMA JACK TO SNAP ON TNC PLUG												
AD-A8TQ3	6		B1-B2	Without Locking Mechanism	1~2GHz	3GHz		4GHz		5GHz		
					1.05	1.10		1.23		1.30		

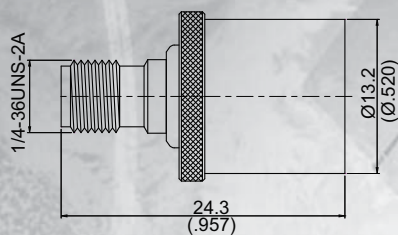


Figure 1.

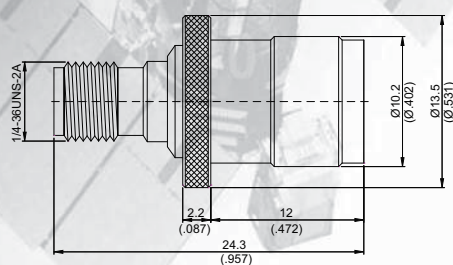


Figure 2.

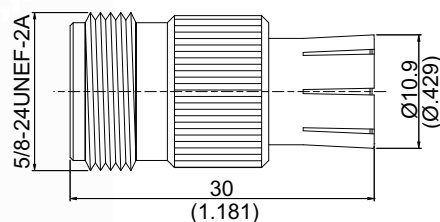


Figure 3.

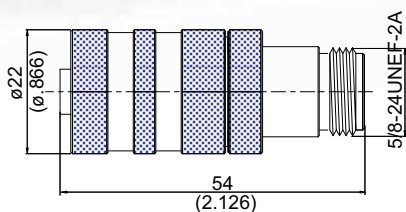


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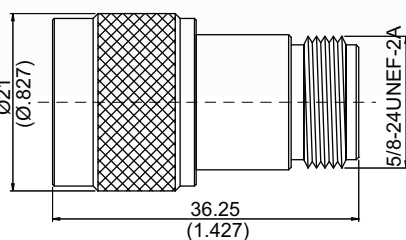


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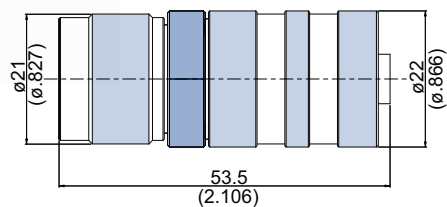


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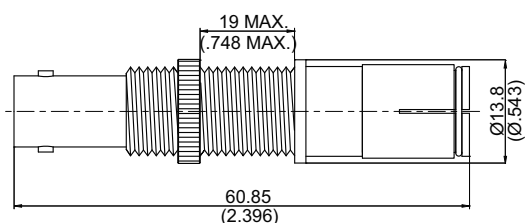


Figure 7

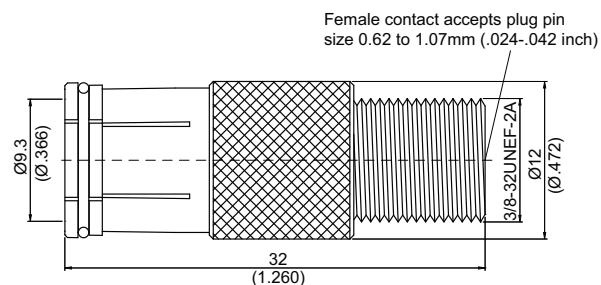


Figure 8.

PART NUMBER	Fig	Material	Remarks	Typical VSWR			
SMA JACK TO SNAP ON TNC JACK							
AD-A8TQ8	1	B1-B2	Without Locking Mechanism	1~2GHz	3GHz	4GHz	5GHz
				1.03	1.11	1.23	1.30
SMA JACK TO SNAP ON REVERSE POLARITY TNC JACK							
AD-A8TQ9	2	C1-C2	Without Locking Mechanism	1GHz	2GHz	3GHz	
				1.05	1.13	1.26	
N JACK TO SNAP ON C PLUG							
AD-N8CQ3	3	B2-B2	Without Locking Mechanism	1GHz	2GHz		
				1.11	1.22		
SNAP ON N PLUG TO N JACK							
AD-NQ3N8	4	B11-B2	Snap On The Coupling Nut And Then Give A Little Turn; With Locking Mechanism	1GHz	2GHz	3~5GHz	6~7GHz
				1.03	1.05	1.13	1.14
AD-NQ3N8-NL	5	B11-B2	Without Locking Mechanism	1Ghz	2~4Ghz	5Ghz	6~7Ghz
				1.06	1.07	1.09	1.12
N PLUG TO SNAP ON N PLUG							
AD-N3NQ3	6	A11-A11	Snap On The Coupling Nut And Then Give A Little Turn;With Locking Mechanism	1GHz	2~3GHz	4~5GHz	6~10GHz
				1.05	1.07	1.08	1.2
BNC JACK FOR BULKHEAD TO SNAP ON F PLUG							
AD-B8F3Q-BF	7	B2-A2	Without Locking Mechanism	1 Ghz	2 Ghz	3 Ghz	
				1.01	1.07	1.23	
SNAP ON F PLUG TO F JACK							
AD-FQ3F8	8		Without Locking Mechanism				

NMD ADAPTORS

FEATURES

NMD adapters are required when the vector network analyzer test port needs to be changed to another connector series. NMD Adapters are designed with a larger than standard coupling nut for greater stability.

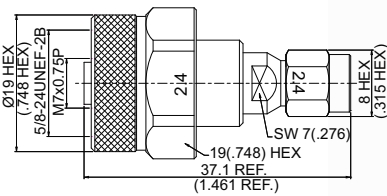


Figure 1.

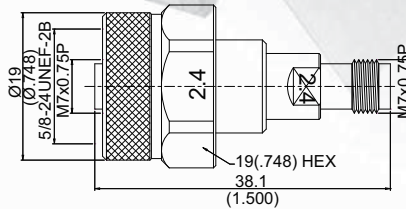


Figure 2.

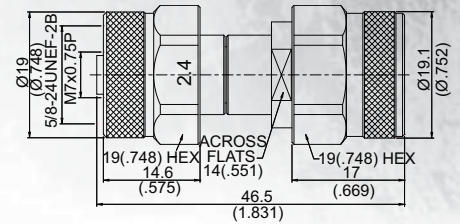


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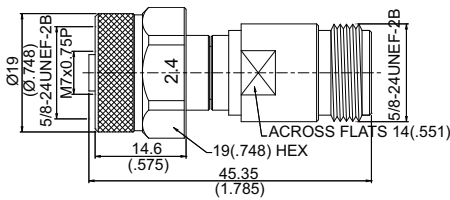


Figure 4.

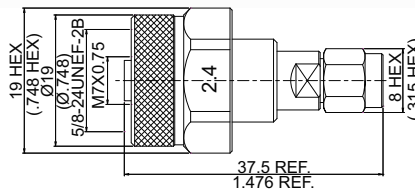


Figure 5.

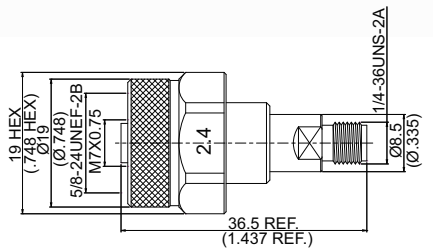


Figure 6.

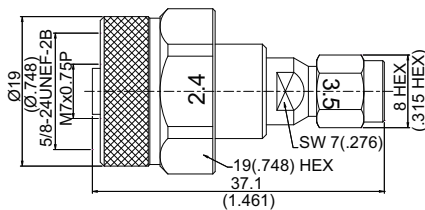


Figure 7.

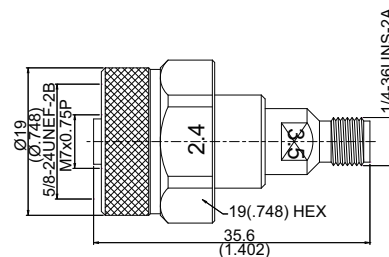


Figure 8.

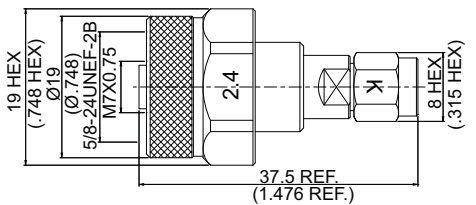


Figure 9.

PART NUMBER	Fig	Material	Remarks	Typical VSWR			
RUGGEDIZED NMD 2.4 JACK TO 2.4 PLUG							
ADS-VNA2.4/8-2.4/3	1	B6-B6					
RUGGEDIZED NMD 2.4 JACK TO 2.4 JACK							
ADS-VNA2.4/8-2.4/8	2	B6-B3		1~5Ghz	6~31 Ghz	32~50 Ghz	
				1.05	1.15	1.35	
RUGGEDIZED NMD 2.4 JACK TO N PLUG							
ADS-VNA2.4/8N3	3	B6-B6		1~2Ghz	3~6Ghz	7~18Ghz	19~20Ghz
				1.04	1.08	1.2	1.27
RUGGEDIZED NMD 2.4 JACK TO N JACK							
ADS-VNA2.4/8N8	4	B6-B3					
RUGGEDIZED NMD 2.4 JACK TO SMA PLUG							
ADS-VNA2.4/8A3	5	B6-B6					
RUGGEDIZED NMD 2.4 JACK TO SMA JACK							
ADS-VNA2.4/8A8	6	B6-B3		1~3Ghz	4~8Ghz	9Ghz	10~18Ghz
				1.03	1.09	1.15	1.19
RUGGEDIZED NMD 2.4 JACK TO 3.5 PLUG							
ADS-VNA2.4/8PC3	7	B6-B6					
RUGGEDIZED NMD 2.4 JACK TO 3.5 JACK							
ADS-VNA2.4/8PC8	8	B6-B3					
RUGGEDIZED NMD 2.4 JACK TO K PLUG							
ADS-VNA2.4/8K3	9	B6-B6					

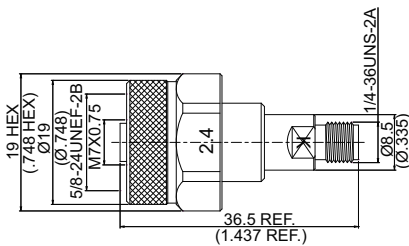


Figure 1.

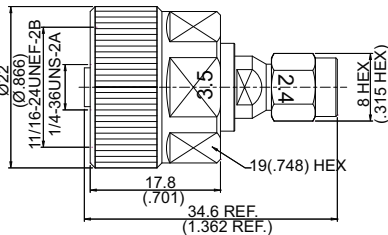


Figure 2.

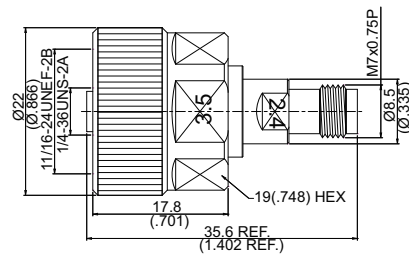


Figure 3.

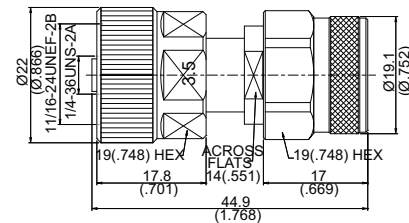


Figure 4.

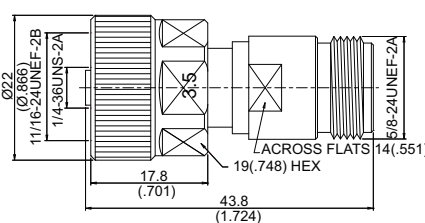


Figure 5.

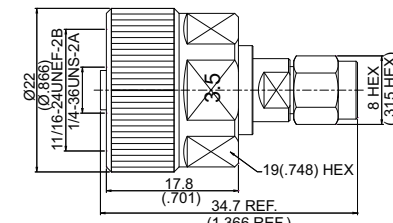


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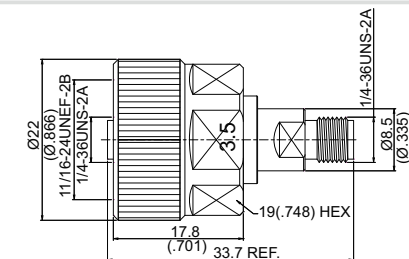


Figure 7.

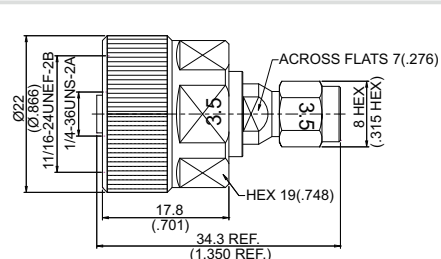


Figure 8.

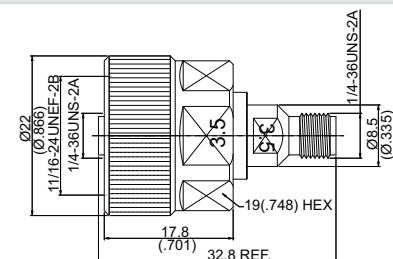


Figure 9.

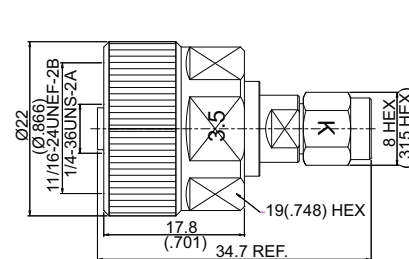


Figure 10

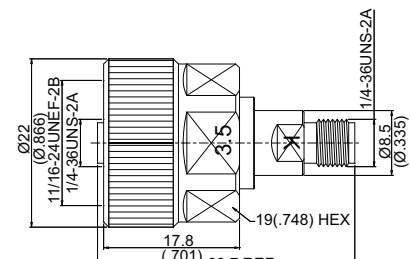


Figure 11

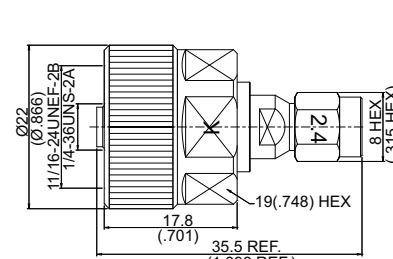


Figure 12

PART NUMBER		Fig	Material	Typical VSWR			
RUGGEDIZED NMD 2.4 JACK TO K JACK							
ADS-VNA2.4/8K8	1	B6-B3					
RUGGEDIZED NMD 3.5 JACK TO 2.4 PLUG							
ADS-VNAPC8-2.4/3	2	B6-B6					
RUGGEDIZED NMD 3.5 JACK TO 2.4 JACK							
ADS-VNAPC8-2.4/8	3	B6-B3	1~4GHz	5~18GHz	19~22GHz	23~33GHz	
			1.05	1.1	1.2	1.25	
RUGGEDIZED NMD 3.5 JACK TO N PLUG							
ADS-VNAPC8N3	4	B6-B6					
RUGGEDIZED NMD 3.5 JACK TO N JACK							
ADS-VNAPC8N8	5	B6-B3					
RUGGEDIZED NMD 3.5 JACK TO SMA PLUG							
ADS-VNAPC8A3	6	B6-B6					
RUGGEDIZED NMD 3.5 JACK TO SMA JACK							
ADS-VNAPC8A8	7	B6-B3	1~5GHz	6~11GHz	12~19GHz	20~27GHz	
			1.05	1.07	1.1	1.3	
RUGGEDIZED NMD 3.5 JACK TO 3.5 PLUG							
ADS-VNAPC8PC3	8	B6-B6					
RUGGEDIZED NMD 3.5 JACK TO 3.5 JACK							
ADS-VNAPC8PC8	9	B6-B3					
RUGGEDIZED NMD 3.5 JACK TO K PLUG							
ADS-VNAPC8K3	10	B6-B6					
RUGGEDIZED NMD 3.5 JACK TO K JACK							
ADS-VNAPC8K8	11	B6-B3					
RUGGEDIZED NMD K JACK TO 2.4 PLUG							
ADS-VNAK8-2.4/3	12	B6-B6					

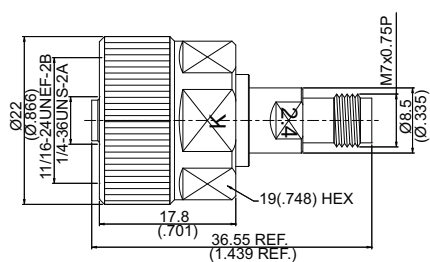


Figure 1.

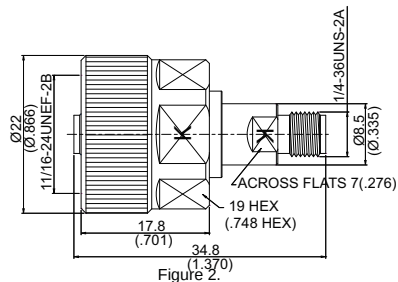


Figure 2.

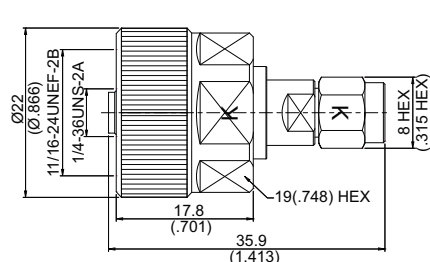


Figure 3.

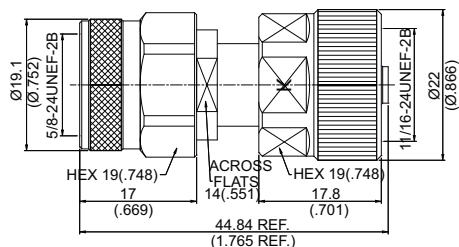


Figure 4.

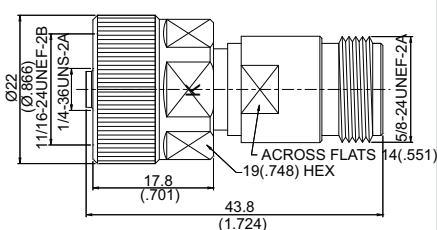


Figure 5.

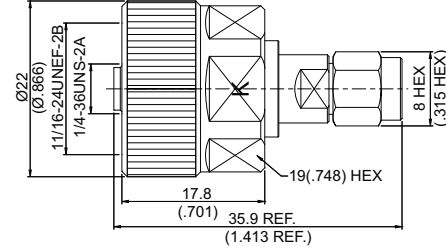


Figure 6.

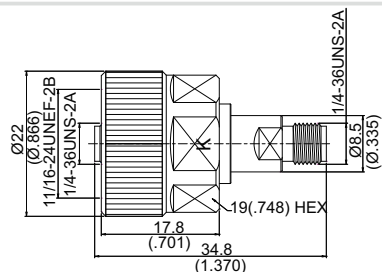


Figure 7

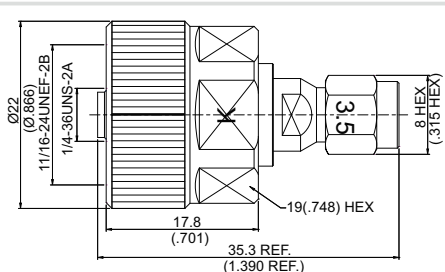


Figure 8.

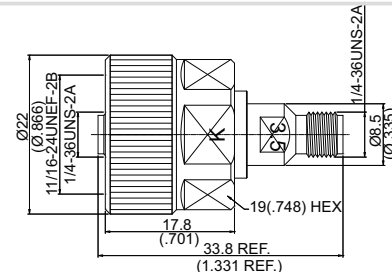


Figure 9.

PART NUMBER Fig Material			Typical VSWR					
RUGGEDIZED NMD K JACK TO 2.4 JACK								
ADS-VNAK8-2.4/8	1	B6-B3	1~7Ghz 1.04	8~18Ghz 1.1	19~30Ghz 1.2	31~40Ghz 1.35		
RUGGEDIZED NMD K JACK TO K JACK								
ADS-VNAK8K8	2	B6-B3	1~7Ghz 1.03	8~14Ghz 1.06	15Ghz 1.08	16~29Ghz 1.09	30Ghz 1.14	31~40Ghz 1.25
RUGGEDIZED NMD K JACK TO K PLUG								
ADS-VNAK8K3	3	B6-B6	1~9Ghz 1.05	10~15Ghz 1.1	16~24Ghz 1.15	25~33Ghz 1.2	34~40Ghz 1.25	
N PLUG TO RUGGEDIZED NMD K JACK								
ADS-N3VNAK8	4	B6-B6	1~2Ghz 1.02	3~6Ghz 1.03	7~16Ghz 1.12	17~18Ghz 1.18		
RUGGEDIZED NMD K JACK TO N JACK								
ADS-VNAK8N8	5	B6-B3						
RUGGEDIZED NMD K JACK TO SMA PLUG								
ADS-VNAK8A3	6	B6-B6						
RUGGEDIZED NMD K JACK TO SMA JACK								
ADS-VNAK8A8	7	B6-B3						
RUGGEDIZED NMD K JACK TO 3.5 PLUG								
ADS-VNAK8PC3	8	B6-B6						
RUGGEDIZED NMD K JACK TO 3.5 JACK								
ADS-VNAK8PC8	9	B6-B3						

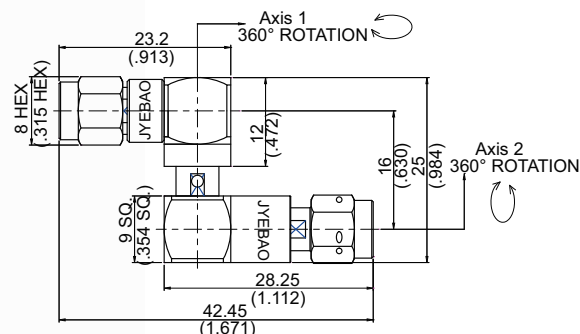
MULTI-DIRECTIONAL ADAPTORS

FEATURES

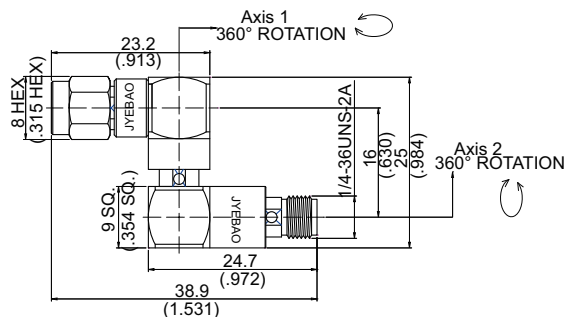
Jyebao's patented multi-directional adaptors permit smooth rotational movement around two axis allowing the adaptors to move in virtually any direction.

PART NUMBER	Freq (GHz)	VSWR max	VSWR-WOW	Insertion Loss(dB)	Insertion Loss-WOW(dB)	Phase-WOW
SMA PLUG TO SMA PLUG						
ADMD-A3A3-3G (Up To 3GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
ADMD-A3A3-6G (Up To 6GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
	6	1.3	≤ 0.03	≤ 0.4	≤ 0.03	$\leq 0.5^\circ$
SMA PLUG TO SMA JACK						
ADMD-A3A8-3G (Up To 3GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
ADMD-A3A8-6G (Up To 6GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
	6	1.3	≤ 0.03	≤ 0.4	≤ 0.03	$\leq 0.5^\circ$
SMA JACK TO SMA JACK						
ADMD-A8A8-3G (Up To 3GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
ADMD-A8A8-6G (Up To 6 GHz)	3	1.15	≤ 0.02	≤ 0.2	≤ 0.02	$\leq 0.3^\circ$
	6	1.3	≤ 0.03	≤ 0.4	≤ 0.03	$\leq 0.5^\circ$

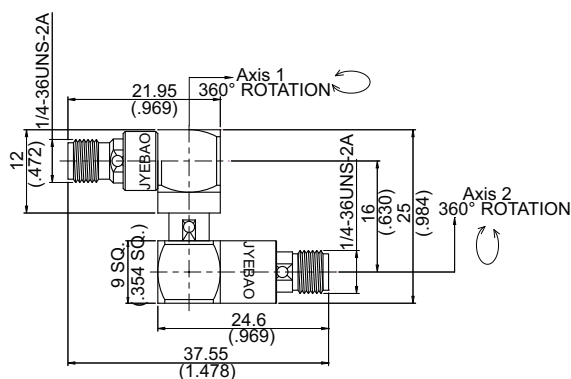
***SMA PLUG TO SMA PLUG**



***SMA PLUG TO SMA JACK**



***SMA JACK TO SMA JACK**



NOTE:

(1)VSWR-WOW:

VSWR rotational effect(WOW) is the change in VSWR with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

(2)Insertion Loss-WOW:

Insertion loss rotational effect(WOW) is the change in insertion loss that occurs with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

(3)Phase-WOW:

Phase rotational rotational effect(WOW) is the change in Phase with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

LOW PIM ADAPTORS

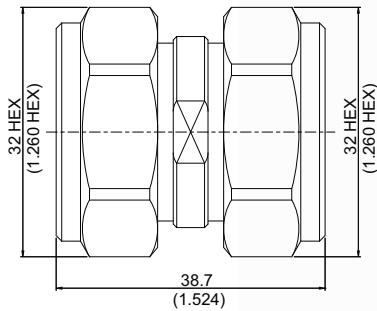


Figure 1.

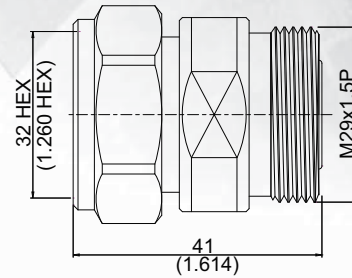


Figure 2.

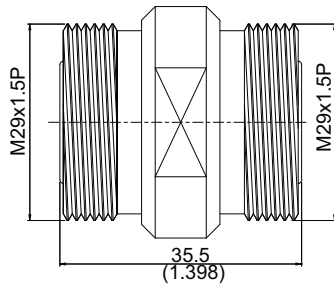


Figure 3.

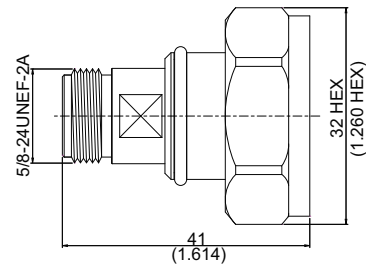


Figure 4.

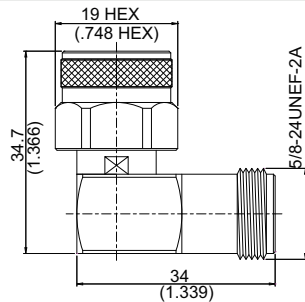


Figure 5.

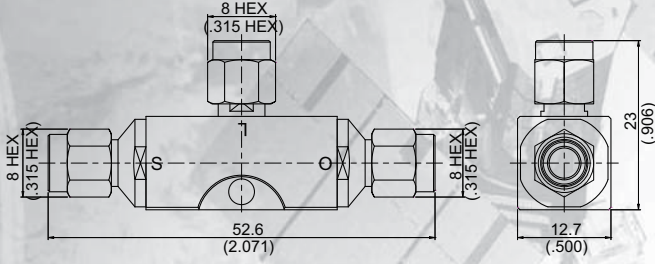
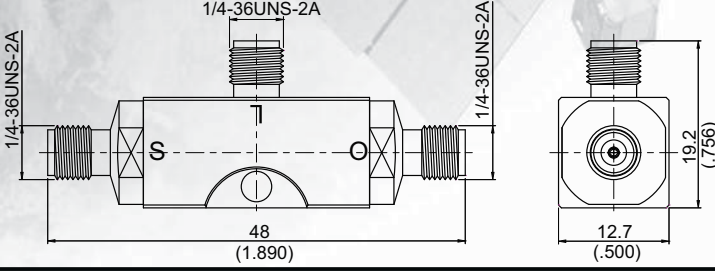
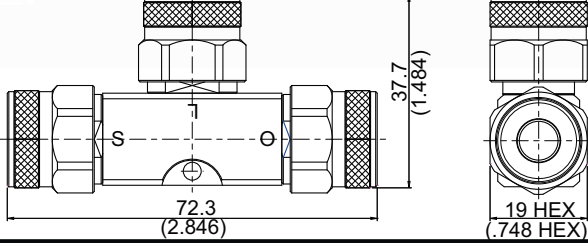
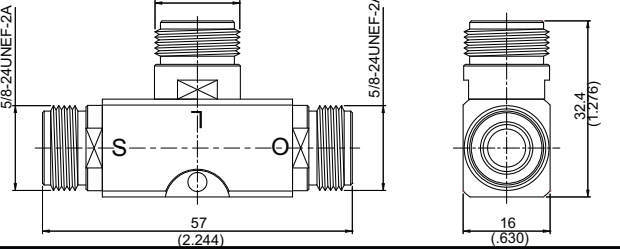
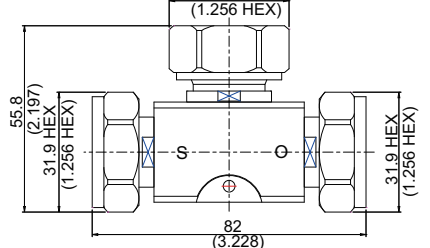
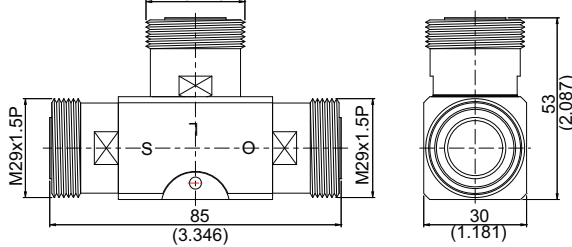
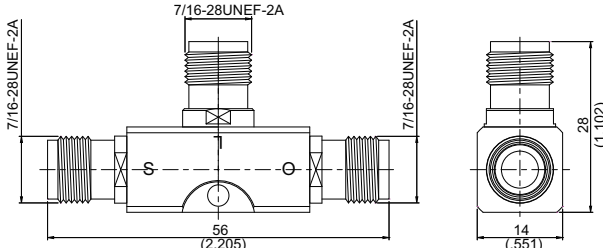
PART NUMBER	Fig	Material	Remarks	Typical VSWR		
7/16 PLUG TO 7/16 PLUG						
AD-DI3DI3/LP	1	A11-A11	Intermodulation ≥ 165 dBC	1~2Ghz	3Ghz	4Ghz
				1.02	1.04	1.06
7/16 PLUG TO 7/16 JACK						
AD-DI3DI8/LP	2	B11-B2	Intermodulation ≥ 165 dBC	1~2 Ghz	3~3.7 GHz	
				1.02	1.04	
7/16 JACK TO 7/16 JACK						
AD-DI8DI8/LP	3	B2-B2	Intermodulation ≥ 165 dBC	1~2Ghz	3~3.7Ghz	
				1.02	1.04	
N JACK TO 7/16 PLUG						
AD-N8DI3/LP	4	B2-B11	Intermodulation ≥ 165 dBC	1~2Ghz	3~3.7Ghz	
				1.02	1.06	
N PLUG TO N JACK RIGHT ANGLE						
AL-N3N8/LP	5	B11-B2	Intermodulation ≥ 155 dBC	0~500 MHz	500~3700 MHz	
				1.02	1.13	

Material & Plating: See Page 374

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T-PORT FIELD CALIBRATION TOOLS

SMA PLUG -PLUG-PLUG		PART NUMBER		Frequency range	Return loss
		CAL-SMA-M-6G	Load	DC To 6 GHz	≥ 42 dB
			Open	DC To 6 GHz	≤ 0.1 dB
			Short	DC To 6 GHz	≤ 0.1 dB
		CAL-SMA-M-18G	Load	DC To 6 GHz	≥ 42 dB
				6 To 18 GHz	≥ 30 dB
			Open	DC To 6 GHz	≤ 0.1 dB
				6 To 18 GHz	≤ 0.2 dB
			Short	DC To 6 GHz	≤ 0.1 dB
				6 To 18 GHz	≤ 0.2 dB
SMA JACK-JACK-JACK		PART NUMBER		Frequency range	Return loss
		CAL-SMA-F-6G	Load	DC To 6 GHz	≥ 42 dB
			Open	DC To 6 GHz	≤ 0.1 dB
			Short	DC To 6 GHz	≤ 0.1 dB
		CAL-SMA-F-18G	Load	DC To 6 GHz	≥ 42 dB
				6 To 18 GHz	≥ 30 dB
			Open	DC To 6 GHz	≤ 0.1 dB
				6 To 18 GHz	≤ 0.2 dB
			Short	DC To 6 GHz	≤ 0.1 dB
				6 To 18 GHz	≤ 0.2 dB
N PLUG -PLUG-PLUG		PART NUMBER		Frequency range	Return loss
		CAL-N-M-4G	Load	DC To 2.5 GHz	≥ 42 dB
				2.5 To 4 GHz	≥ 38 dB
			Open	DC To 4 GHz	≤ 0.1 dB
			Short	DC To 4 GHz	≤ 0.1 dB
		CAL-N-M-6G	Load	DC To 2.5 GHz	≥ 42 dB
				2.5 To 6 GHz	≥ 38 dB
			Open	DC To 6 GHz	≤ 0.1 dB
			Short	DC To 6 GHz	≤ 0.1 dB
N JACK-JACK-JACK		PART NUMBER		Frequency range	Return loss
		CAL-N-F-4G	Load	DC To 2.5 GHz	≥ 42 dB
				2.5 To 4 GHz	≥ 38 dB
			Open	DC To 4 GHz	≤ 0.1 dB
			Short	DC To 4 GHz	≤ 0.1 dB
		CAL-N-F-6G	Load	DC To 2.5 GHz	≥ 42 dB
				2.5 To 6 GHz	≥ 38 dB
			Open	DC To 6 GHz	≤ 0.1 dB
			Short	DC To 6 GHz	≤ 0.1 dB
7/16 PLUG -PLUG-PLUG		PART NUMBER		Frequency range	Return loss
		CAL-7/16-M-4G	Load	DC To 2.5 GHz	≥ 40 dB
				2.5 To 4 GHz	≥ 38 dB
			Open	DC To 4 GHz	≤ 0.15 dB
			Short	DC To 4 GHz	≤ 0.15 dB
		CAL-7/16-M-6G	Load	DC To 2.5 GHz	≥ 40 dB
				2.5 To 6 GHz	≥ 38 dB
			Open	DC To 6 GHz	≤ 0.15 dB
			Short	DC To 6 GHz	≤ 0.15 dB
7/16 JACK-JACK-JACK		PART NUMBER		Frequency range	Return loss
		CAL-7/16-F-4G	Load	DC To 2.5 GHz	≥ 40 dB
				2.5 To 4 GHz	≥ 38 dB
			Open	DC To 4 GHz	≤ 0.15 dB
			Short	DC To 4 GHz	≤ 0.15 dB
		CAL-7/16-F-6G	Load	DC To 2.5 GHz	≥ 40 dB
				2.5 To 6 GHz	≥ 38 dB
			Open	DC To 6 GHz	≤ 0.15 dB
			Short	DC To 6 GHz	≤ 0.15 dB
TNC JACK-JACK-JACK		PART NUMBER		Frequency range	Return loss
		CAL-TNC-F-6G	Load	DC To 2.5 GHz	≥ 40 dB
				2.5 To 6 GHz	≥ 38 dB
			Open	DC To 6 GHz	≤ 0.1 dB
			Short	DC To 6 GHz	≤ 0.1 dB

RF and Microwave Components

BIAS TEE

P/N	RF In	RF Out	Bias Connector	DC current Maximum	Isolation (RF to Bias port typical)	DC Volt Maximum	Frequency Range	VSWR				Figure
								1G	2G	3G	6G	
BT-A8A8/A8-3G	SMA Jack	SMA Jack	SMA Jack	100mA	30dB	20	10Mhz to 3GHz	≤1.2	≤1.25	≤1.3	-	1
BT-A8A8/A8-3G-50	SMA Jack	SMA Jack	SMA Jack	100mA	30dB	50	10Mhz to 3GHz	≤1.2	≤1.25	≤1.3	-	1
BT-A8A8/MC8-6G	SMA Jack	SMA Jack	SMC Jack	100mA	28dB	20	10Mhz to 6GHz	≤1.15	≤1.2	≤1.25	≤1.3	2
BT-A8A8/MC8-6G-50	SMA Jack	SMA Jack	SMC Jack	100mA	28dB	50	10Mhz to 6GHz	≤1.15	≤1.2	≤1.25	≤1.3	2

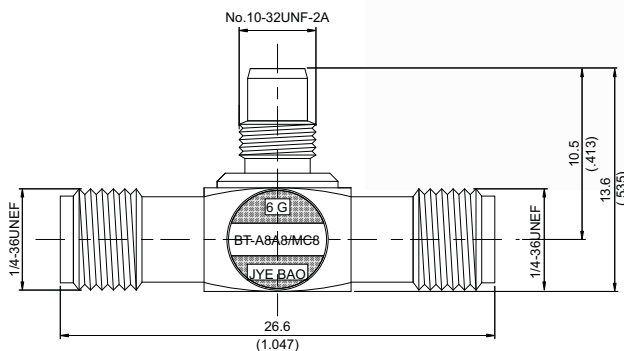


Fig. 1

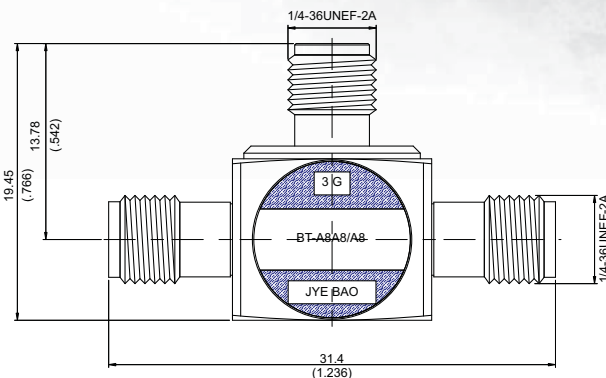
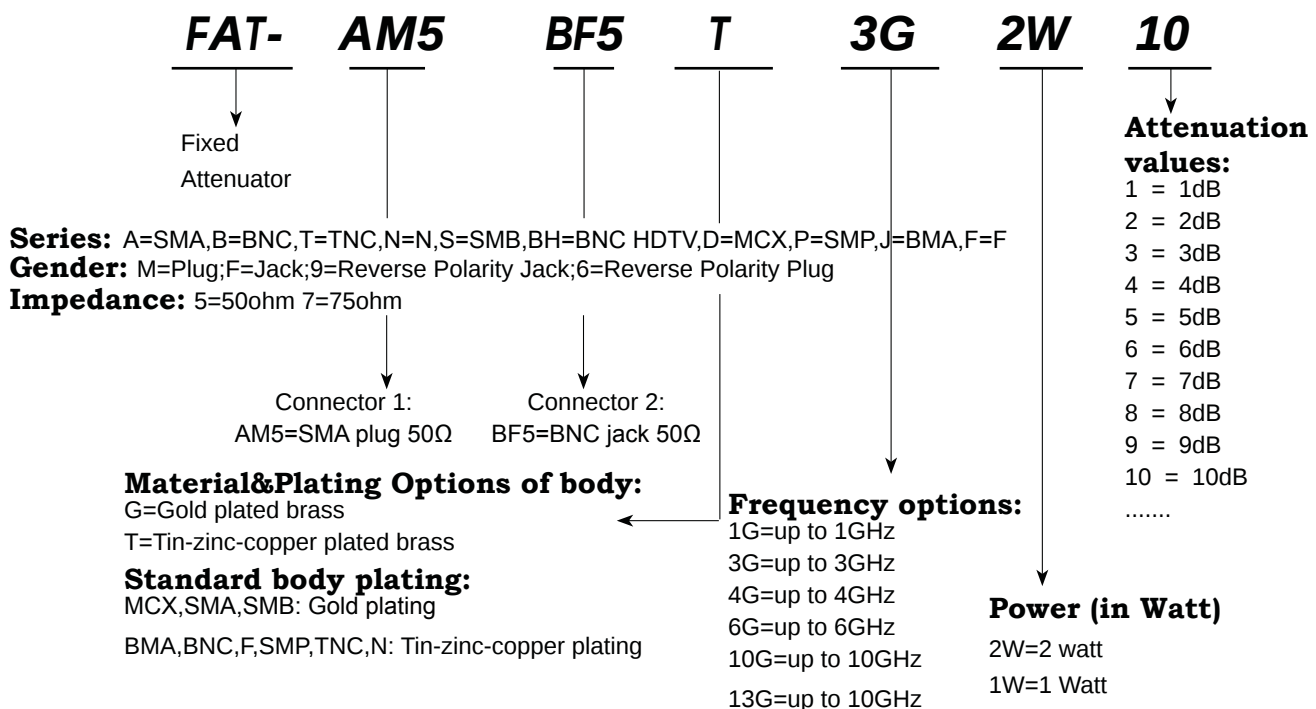


Fig. 2

FIXED ATTENUATOR

PART NUMBERING SYSTEM:



50Ω Fixed Attenuators

Nominal impedance: 50Ω+/-0.25Ω over operating temperature range

Operating temperature range: -50 degrees Celcius to +80 degrees Celcius

VSWR deviation: +/-0.1% over operating temperature range

Power rating over temperature range: 1GHz attenuators 1W; 3GHz, 6GHz & 10GHz attenuators 2W

Power Rating (Peak): 100W for 25 Microseconds

Power Coefficient: 0.001dB/W (change in attenuation with increase in power)

Temperature Coefficient: 0.001dB/Deg. C max., 0.0003dB/Deg.C typ

Attenuation Value	VSWR								
	1GHz Attenuators	3GHz Attenuators		6GHz Attenuators			10GHz Attenuators		
	1GHz	DC-2GHz	2-3GHz	DC-2GHz	2-5GHz	5-6GHz	DC-2GHz	2-5GHz	5-10GHz
1dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
2dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
3dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
4dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
5dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
6dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
7dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
8dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
9dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
10dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
15dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
16dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
20dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35
30dB	≤1.25	≤1.15	≤1.25	≤1.15	≤1.25	≤1.35	≤1.15	≤1.25	≤1.35

Attenuation Value	Attenuation deviation (+/-dB)								
	1GHz Attenuators	3GHz Attenuators		6GHz Attenuators			10GHz Attenuators		
	1GHz	DC-2GHz	2-3GHz	DC-2GHz	2-5GHz	5-6GHz	DC-2GHz	2-5GHz	5-10GHz
1dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
2dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
4dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
5dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
6dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
7dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
8dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
9dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
10dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
15dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
16dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
20dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-0.2dB	+/-0.3dB	+/-0.5dB
30dB	+/-2dB	+/-0.5dB	+/-1.5dB	+/-0.5dB	+/-1.5dB	+/-4dB	+/-0.5dB	+/-1.5dB	+/-4dB

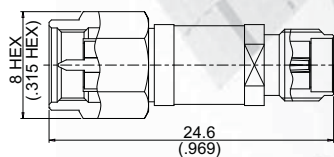
Attenuation Value	VSWR			Attenuation deviation (+/-dB)			
	13GHz Attenuators			13GHz Attenuators			
	DC-2GHz	2-5GHz	5-13GHz	DC-2GHz	2-5GHz	5-10GHz	10-13GHz
1dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
2dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
3dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
4dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
5dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
6dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
7dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
8dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
9dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
10dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
15dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
16dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
20dB	≤1.15	≤1.25	≤1.35	+/-0.2dB	+/-0.3dB	+/-0.5dB	+/-1dB
30dB	≤1.15	≤1.25	≤1.35	+/-0.5dB	+/-1.5dB	+/-4dB	+/-5dB

50Ω Within Series Fixed Attenuators

SMA-SMA Fixed Attenuator (50Ω)

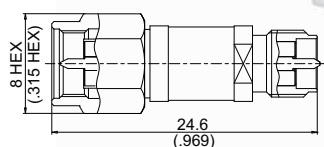
1.SMA Plug-SMA Jack

Freq	Part Number
3 GHz	FAT-AM5AF5G3G2WXX
6 GHz	FAT-AM5AF5G6G2WXX
10 GHz	FAT-AM5AF5G10G2WXX
13 GHz	FAT-AM5AF5G13G2WXX



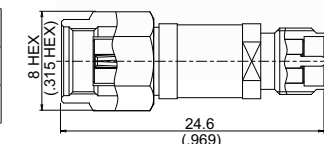
2.SMA Plug-SMA Reverse Polarity Jack

Freq	Part Number
3 GHz	FAT-AM5A95G3G2WXX
6 GHz	FAT-AM5A95G6G2WXX



3.SMA Reverse Polarity Plug-SMA Reverse Polarity Jack

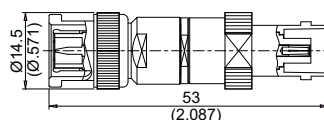
Freq	Part Number
3 GHz	FAT-A65A95G3G2WXX
6 GHz	FAT-A65A95G6G2WXX



BNC-BNC Fixed Attenuator (50Ω)

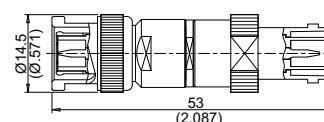
1.BNC Plug-BNC Jack

Freq	Part Number
1 GHz	FAT-BM5BF5T1G1WXX
3 GHz	FAT-BM5BF5T3G2WXX



2.BNC Plug-BNC Reverse Polarity Jack

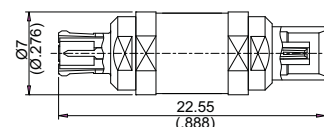
Freq	Part Number
1 GHz	FAT-BM5B95T1G1WXX
3 GHz	FAT-BM5B95T3G2WXX



MCX-MCX Fixed Attenuator (50Ω)

1.MCX Plug-MCX Jack

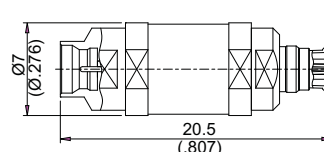
Freq	Part Number
3 GHz	FAT-DM5DF5G3G2WXX
6 GHz	FAT-DM5DF5G6G2WXX



SMP-SMP Fixed Attenuator (50Ω)

1.SMP Plug Full Detent-SMP Jack

Freq	Part Number
10 GHz	FAT-PFM5PF5T10G2WXX



Notes:

XX: indicate required attenuation value

Standard attenuation values are(in dB): 1,2,3,4,5,6,7,8,9,10,15,16,20&30

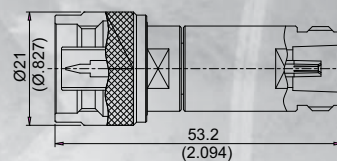
Other attenuation values available on request

Other types of within series fixed attenuators on request

N-N Fixed Attenuator (50Ω)

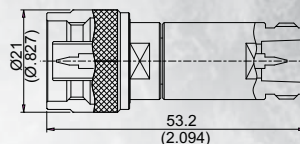
1.N Plug-N Jack

Freq	Part Number
1 GHz	FAT-NM5NF5T1G1WXX
3 GHz	FAT-NM5NF5T3G2WXX
6 GHz	FAT-NM5NF5T6G2WXX
10 GHz	FAT-NM5NF5T10G2WXX
13 GHz	FAT-NM5NF5T13G2WXX



2.N Plug-N Reverse Polarity Jack

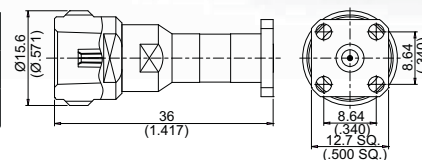
Freq	Part Number
1 GHz	FAT-NM5N95T1G1WXX
3 GHz	FAT-NM5N95T3G2WXX
6 GHz	FAT-NM5N95T6G2WXX



N Fixed Attenuator (50Ω)

4 Hole Field Replaceable N Jack which Accepts Pin FRPIN.01/FAT-N864L (See Below)

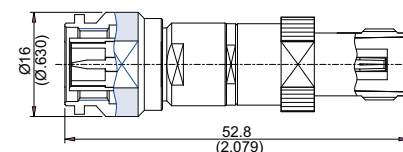
Freq	Part Number
6 GHz	FAT-N864L/XXdB/6GHz
10 GHz	FAT-N864L/XXdB/10GHz



TNC-TNC Fixed Attenuator (50Ω)

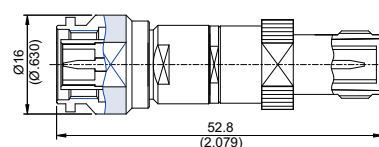
1.TNC Plug-TNC Jack

Freq	Part Number
1 GHz	FAT-TM5TF5T1G1WXX
3 GHz	FAT-TM5TF5T3G2WXX
6 GHz	FAT-TM5TF5T6G2WXX
10 GHz	FAT-TM5TF5T10G2WXX



2.TNC Plug-TNC Reverse Polarity Jack

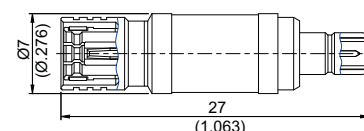
Freq	Part Number
1 GHz	FAT-TM5T95T1G1WXX
3 GHz	FAT-TM5T95T3G2WXX
6 GHz	FAT-TM5T95T6G2WXX



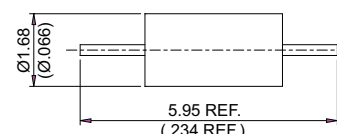
SMB-SMB Fixed Attenuator (50Ω)

1.SMB Plug-SMB Jack

Freq	Part Number
4 GHz	FAT-SM5SF5G4G2WXX



Contact Pin FRPIN.01/FAT-N864L:

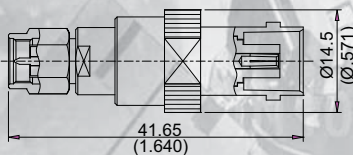


50Ω Between Series Fixed Attenuators

SMA-BNC Fixed Attenuator (50Ω)

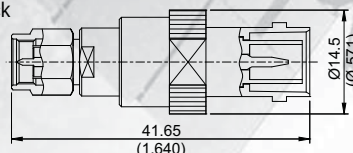
1.SMA Plug-BNC Jack

Freq	Part Number
3 GHz	FAT-AM5BF5T3G2WXX



2.SMA Plug-BNC Reverse Polarity Jack

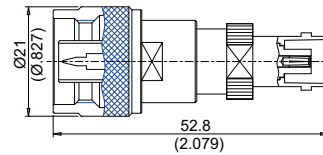
Freq	Part Number
3 GHz	FAT-AM5B95T3G2WXX



N-BNC Fixed Attenuator (50Ω)

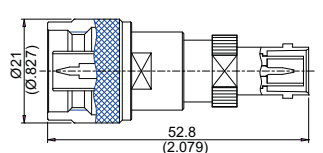
1.N Plug-BNC Jack

Freq	Part Number
3 GHz	FAT-NM5BF5T3G2WXX



2.N Plug-BNC Reverse Polarity Jack

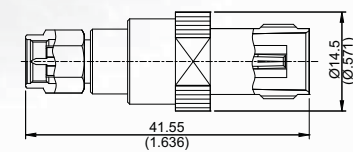
Freq	Part Number
3 GHz	FAT-NM5B95T3G2WXX



SMA-TNC Fixed Attenuator (50Ω)

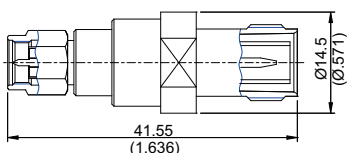
1.SMA Plug-TNC Jack

Freq	Part Number
3 GHz	FAT-AM5TF5T3G2WXX
6 GHz	FAT-AM5TF5T6G2WXX



2.SMA Plug-TNC Reverse Polarity Jack

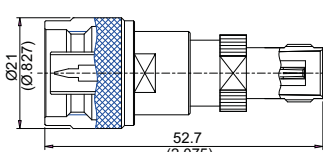
Freq	Part Number
3 GHz	FAT-AM5T95T3G2WXX
6GHz	FAT-AM5T95T6G2WXX



N-TNC Fixed Attenuator (50Ω)

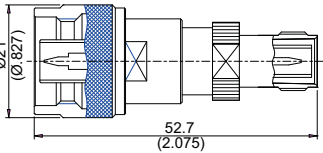
1.N Plug-TNC Jack

Freq	Part Number
3 GHz	FAT-NM5TF5T3G2WXX
6 GHz	FAT-NM5TF5T6G2WXX



2.N Plug-TNC Reverse Polarity Jack

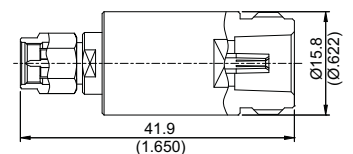
Freq	Part Number
3 GHz	FAT-NM5T95T3G2WXX
6 GHz	FAT-NM5T95T6G2WXX



SMA-N Fixed Attenuator (50Ω)

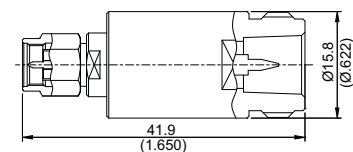
1.SMA Plug-N Jack

Freq	Part Number
3 GHz	FAT-AM5NF5T3G2WXX
6 GHz	FAT-AM5NF5T6G2WXX
10 GHz	FAT-AM5NF5T10G2WXX



2.SMA Plug-N Reverse Polarity Jack

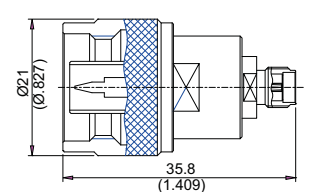
Freq	Part Number
3 GHz	FAT-AM5N95T3G2WXX
6 GHz	FAT-AM5N95T6G2WXX



N-SMA Fixed Attenuator (50Ω)

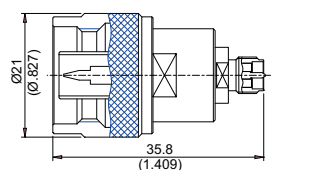
1.N Plug-SMA Jack

Freq	Part Number
3 GHz	FAT-NM5AF5T3G2WXX
6 GHz	FAT-NM5AF5T6G2WXX
10 GHz	FAT-NM5AF5T10G2WXX



2.N Plug-SMA Reverse Polarity Jack

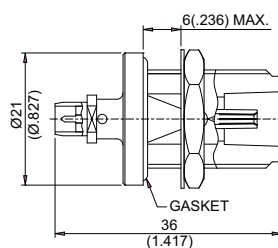
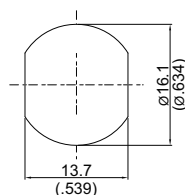
Freq	Part Number
3 GHz	FAT-NM5A95T3G2WXX
6 GHz	FAT-NM5A95T6G2WXX



BMA-N Fixed Attenuator (50Ω)

BMA Plug-N Jack For Bulkhead

Freq	Part Number
10 GHz	FAT-JM5NBF5T10G2WXX



Notes:

XX: indicate required attenuation value

Standard attenuation values are(in dB): 1,2,3,4,5,6,7,8,9,10,15,16,20&30

Other attenuation values available on request

Other types of in between fixed attenuators on request

75Ω Fixed Attenuators

Technical Specifications

Nominal impedance: 75Ω over operating temperature range

Operating temperature range: -50 degrees Celcius to +80 degrees Celcius

VSWR deviation: +/-0.1% over operating temperature range

Power rating over temperature range: 1GHz attenuators 1W; 3GHz attenuators 2W

Power Rating (Peak): 100W for 25 Microseconds

Power Coefficient: 0.001dB/W (change in attenuation with increase in power)

Temperature Coefficient: 0.001dB/Deg. C max., 0.0003dB/Deg.C typ

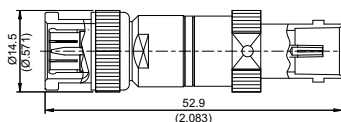
Attenuation Value	VSWR		Attenuation Deviation (+/-dB)		
	1GHz Attenuators	3GHz Attenuators	1GHz Attenuators	3GHz Attenuators	
	1GHz	DC-3GHz	1GHz	DC-2GHz	2-3GHz
1dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
2dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
3dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
4dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
5dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
6dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
7dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
8dB	≤1.25	≤1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
9dB	≤1.25	≤1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
10dB	≤1.25	≤ 1.3	+/-0.5dB	+/-0.3dB	+/-0.5dB
16dB	≤1.25	≤ 1.3	+/-1dB	+/-0.5dB	+/-3dB
20dB	≤1.25	≤1.3	+/-1dB	+/-0.5dB	+/-3dB

75Ω Within Series Fixed Attenuators

BNC-BNC Fixed Attenuator (75Ω)

BNC Plug-BNC Jack

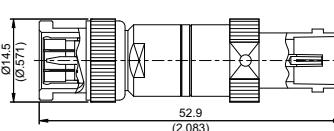
Freq	Part Number
1 GHz	FAT-BM7BF7T1G1WXX



BNC HDTV-BNC HDTV Fixed Attenuator (75Ω)

BNC HDTV Plug-BNC HDTV Jack

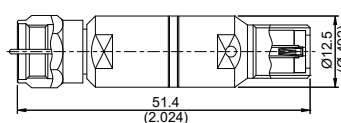
Freq	Part Number
3 GHz	FAT-BHM7BHF7T3G2WXX



F-F Fixed Attenuator (75Ω)

F Plug-F Jack

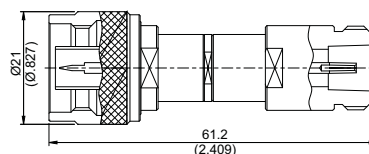
Freq	Part Number
1 GHz	FAT-FM7FF7T1G1WXX
3 GHz	FAT-FM7FF7T3G2WXX



N-N Fixed Attenuator (75Ω)

N Plug-N Jack

Freq	Part Number
1 GHz	FAT-NM7NF7T1G1WXX
3 GHz	FAT-NM7NF7T3G2WXX

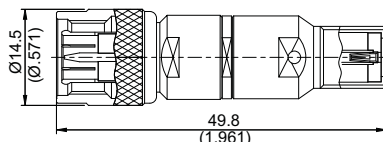


75Ω Between Series Fixed Attenuators

TNC-F Fixed Attenuator (75Ω)

TNC Plug-F Jack

Freq	Part Number
3 GHz	FAT-TM7FF7T3G2XX



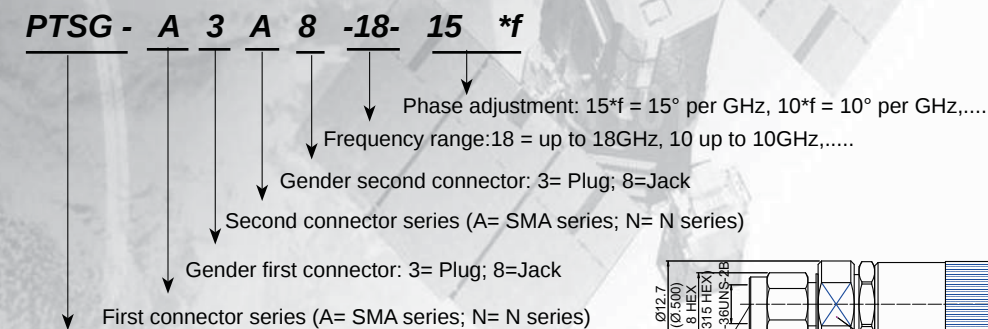
Notes:

XX: indicate required attenuation value

Standard attenuation values are(in dB): 1,2,3,4,5,6,7,8,9,10,15,16,20&30

A Phase Trimmer continuously changes the phase of a microwave signal by mechanically varying an adjustment screw.

(1)PHASE ADJUSTABLE ADAPTORS PART NUMBERING SYSTEM:



PTSG = Phase Trimmer Stainless Gold plated
 PT = Phase Trimmer Brass Gold plated
 PTS = Phase Trimmer Stainless

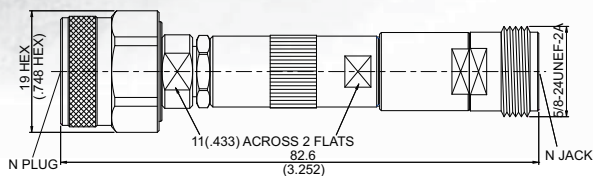


Fig 2.

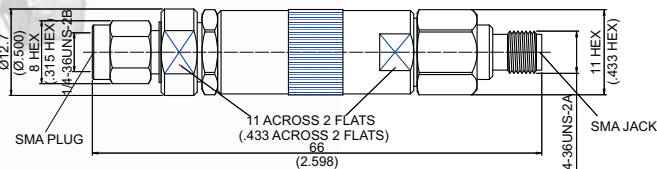


Fig 1.

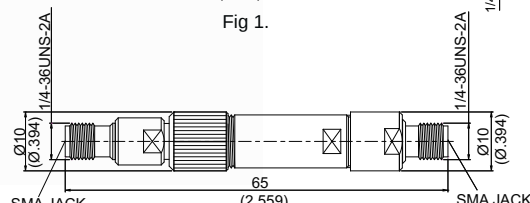


Fig 3.

Typical VSWR

Part Number	Fig.	Phase Adjustment	Remarks	Typical VSWR						
				1Ghz	2~5Ghz	6~10Ghz	11~14Ghz	15Ghz	16Ghz	17~18Ghz
PT-A3A8-10-15*f	1	15°f(GHz)	Brass;Up To 10GHz	1.04	1.08	1.09				
PTS-A3A8-18-15*f	1	15°f(GHz)	Stainless;Up To 18GHz	1.04	1.08	1.09	1.20	1.23	1.27	1.41
PTSG -A3A8-18-15*f	1	15°f(GHz)	Gold Plated Stainless;Up To 18GHz	1.04	1.08	1.09	1.20	1.23	1.27	1.41
PTS-N3N8-10-15*f	2	15°f(GHz)	Stainless;Up To 10GHz	1.01	1.04	1.06				
PTS-A8A8-12-19.16*f	3	19.16°f(GHz)	Stainless;Up To 12GHz	1.07	1.15					

(2)PHASE ADJUSTABLE PLUGS PART NUMBERING SYSTEM:

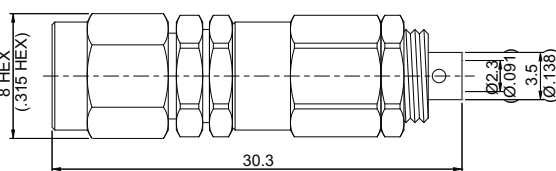
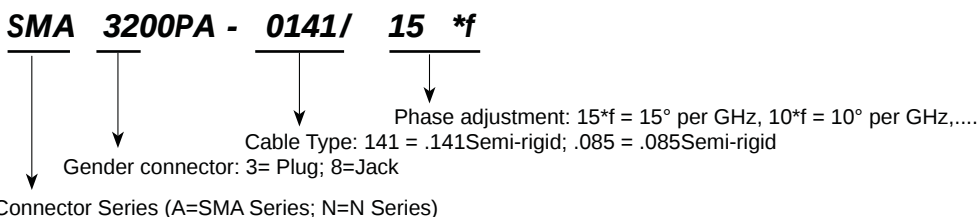


Fig 1.

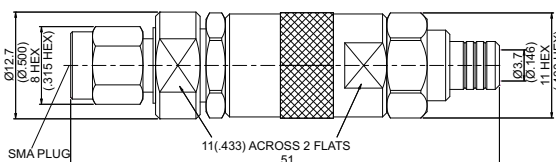


Fig 2.

Typical VSWR

Part Number	Fig.	Cable Group	Phase Adjustment	Remarks	Typical VSWR		
					1~4Ghz	5~11Ghz	12~18Ghz
SMA3200PA-0085/4*f	1	.085	4° x f(GHz)	Brass	1.1	1.15	1.35
SMA3200PA-0141/15*f	2	.141	15° x f(GHz)	Brass	1.1	1.2	1.35

MATCHING PAD

Matching Pads enable connection in both directions between 50Ω and 75Ω lines.

PART NUMBERING SYSTEM:

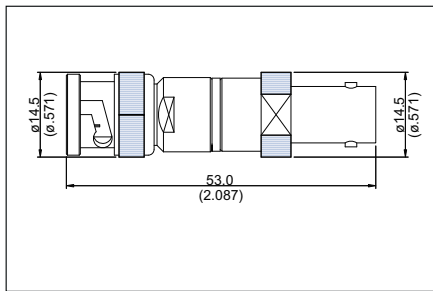
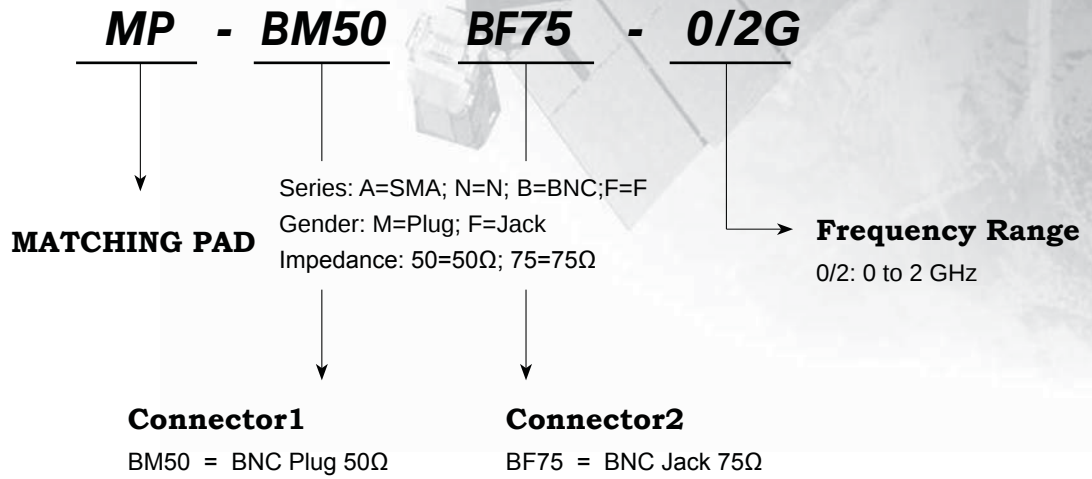


Fig.1

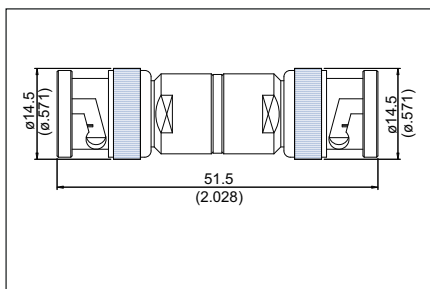


Fig.2

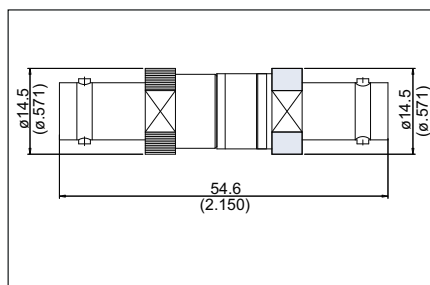


Fig.3

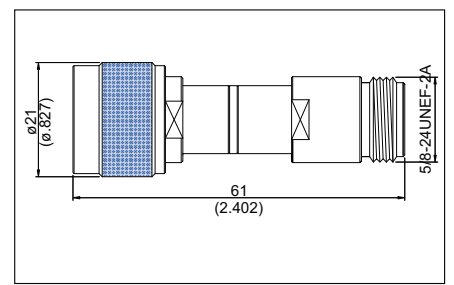


Fig.4

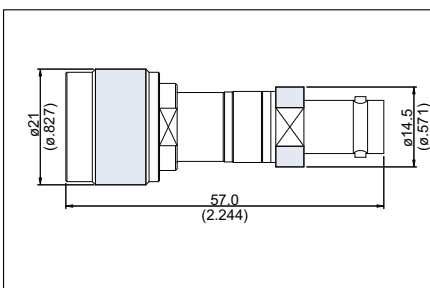


Fig.5

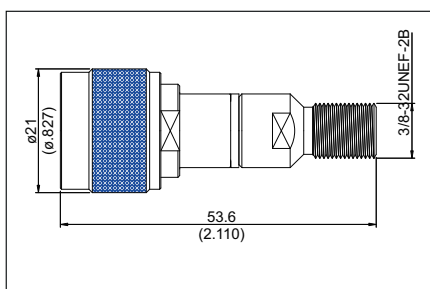


Fig.6

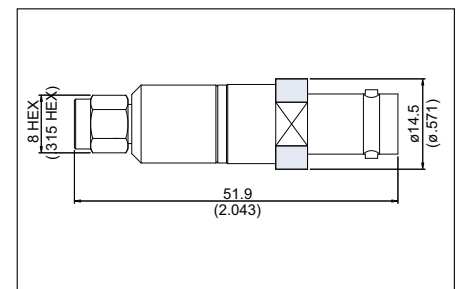


Fig.7

COMPONENTS

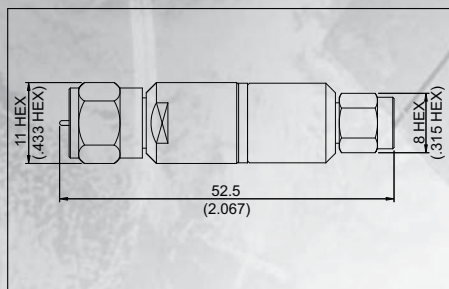


Fig.8

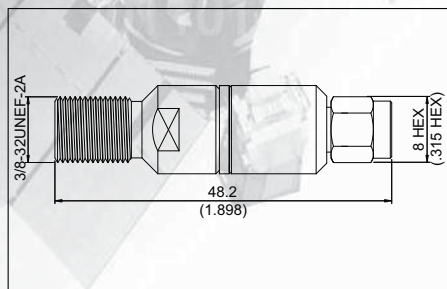


Fig.9

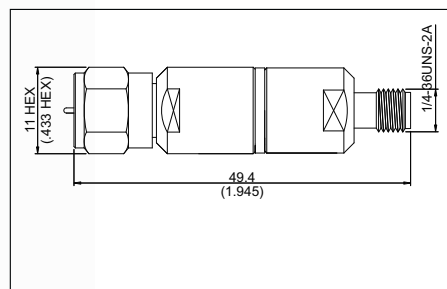


Fig.10

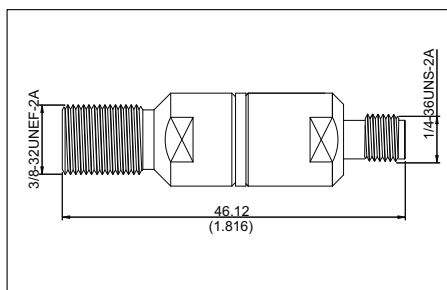


Fig.11

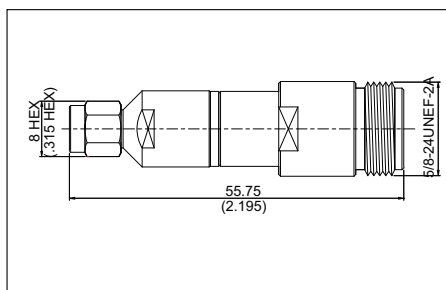


Fig.12

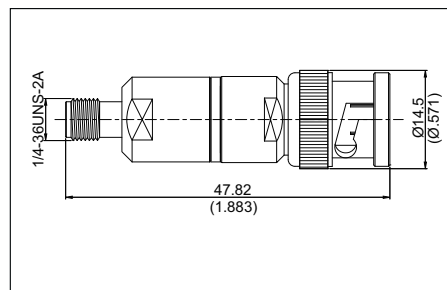
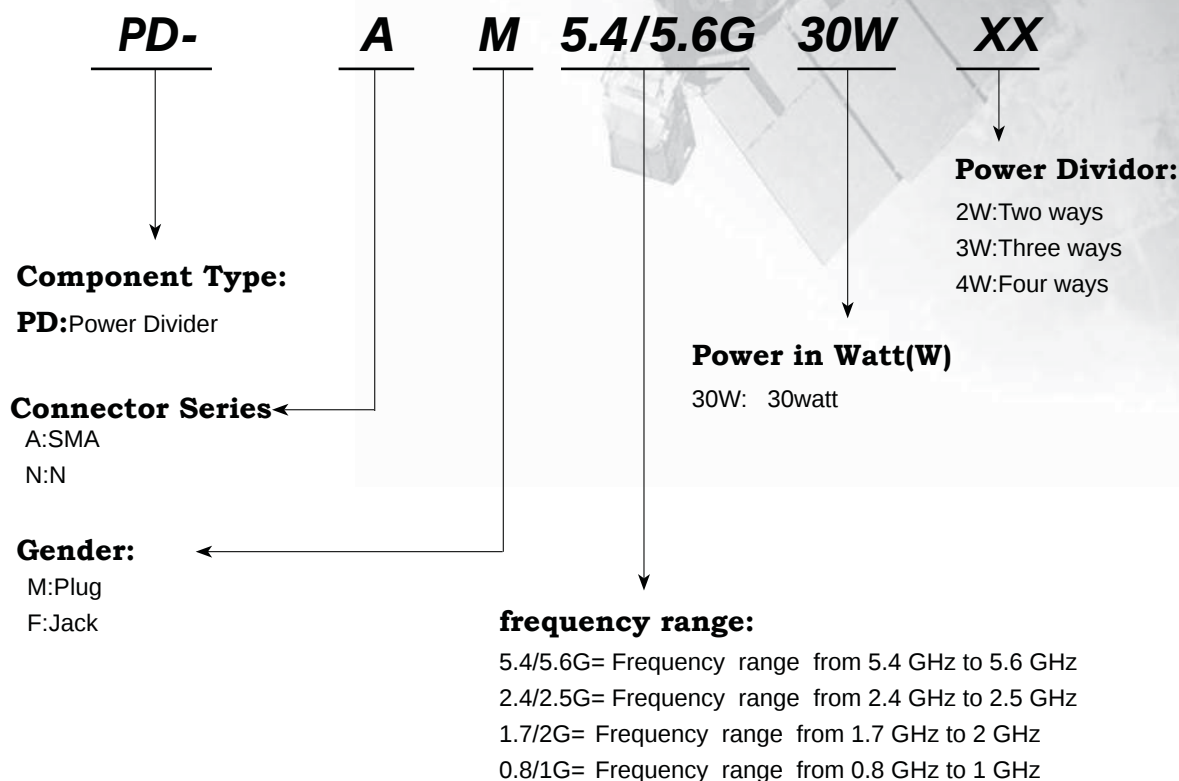


Fig.13

Part Number	Connector 1			Connector 2			Frequency Range (GHz)	VSWR			Voltage Division		Fig.
	Series	Plug/ Jack	Imp. (Ohm)	Series	Plug/ Jack	Imp. (Ohm)		0.5G	1G	2G	50~75Ohm	75~50Ohm	
MP-BM50BF75-0/2G	BNC	Plug	50Ω	BNC	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	1
MP-BM75BF50-0/2G	BNC	Plug	75Ω	BNC	Jack	50Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	1
MP-BM75BM50-0/2G	BNC	Plug	75Ω	BNC	Plug	50Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	2
MP-BF50BF75-0/2G	BNC	Jack	50Ω	BNC	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	3
MP-NM50NF75-0/2G	N	Plug	50Ω	N	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	4
MP-NM75NF50-0/2G	N	Plug	75Ω	N	Jack	50Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	4
MP-NM50BF75-0/2G	N	Plug	50Ω	BNC	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	5
MP-NM50FF75-0/2G	N	Plug	50Ω	F	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	6
MP-AM50BF75-0/2G	SMA	Plug	50Ω	BNC	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	7
MP-AM50NF75-0/2G	SMA	Plug	50Ω	N	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	12
MP-AM50FM75-0/2G	SMA	Plug	50Ω	F	Plug	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	8
MP-AM50FF75-0/2G	SMA	Plug	50Ω	F	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	9
MP-AF50BM75-0/2G	SMA	Jack	50Ω	BNC	Plug	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	13
MP-AF50FM75-0/2G	SMA	Jack	50Ω	F	Plug	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	10
MP-AF50FF75-0/2G	SMA	Jack	50Ω	F	Jack	75Ω	0 to 2 GHz	1.1	1.15	1.3	4dB	7.5dB	11

POWER DIVIDER

PART NUMBERING SYSTEM:



POWER DIVIDER

Jyebao offers two way, three way and four way power dividers. These divide the signal applied to the input among the two way (three way or four way) output with equal amplitude and phase.

5.5GHz Power Divider

Part Number	Series	Plug/ Jack	Frequency Range (GHz)	Imped (Ohm)	Power (Watt)	Ways	Isolation (typical)	Return Loss (typical)	Insertion Loss (typical)	Figure
PD-AM5.4/5.6G30W2W	SMA	Plug	5.4 to 5.6 GHz	50Ω	30W	2Ways	20 dB	≤-17 dB	4.5 dB	1
PD-AM5.4/5.6G30W3W	SMA	Plug	5.4 to 5.6 GHz	50Ω	30W	3Ways	20 dB	≤-17 dB	5.5 dB	2
PD-AM5.4/5.6G30W4W	SMA	Plug	5.4 to 5.6 GHz	50Ω	30W	4Ways	20 dB	≤-17 dB	8 dB	3
PD-AF5.4/5.6G30W2W	SMA	Jack	5.4 to 5.6 GHz	50Ω	30W	2Ways	20 dB	≤-17 dB	4.5 dB	1
PD-AF5.4/5.6G30W3W	SMA	Jack	5.4 to 5.6 GHz	50Ω	30W	3Ways	20 dB	≤-17 dB	5.5 dB	2
PD-AF5.4/5.6G30W4W	SMA	Jack	5.4 to 5.6 GHz	50Ω	30W	4Ways	20 dB	≤-17 dB	8 dB	3
PD-NM5.4/5.6G30W2W	N	Plug	5.4 to 5.6 GHz	50Ω	30W	2Ways	25 dB	≤-18 dB	3.5 dB	1
PD-NM5.4/5.6G30W3W	N	Plug	5.4 to 5.6 GHz	50Ω	30W	3Ways	20 dB	≤-17 dB	5.5 dB	4
PD-NM5.4/5.6G30W4W	N	Plug	5.4 to 5.6 GHz	50Ω	30W	4Ways	20 dB	≤-18 dB	8 dB	5
PD-NF5.4/5.6G30W2W	N	Jack	5.4 to 5.6 GHz	50Ω	30W	2Ways	20 dB	≤-18 dB	3.5 dB	1
PD-NF5.4/5.6G30W3W	N	Jack	5.4 to 5.6 GHz	50Ω	30W	3Ways	20 dB	≤-17 dB	5.5 dB	4
PD-NF5.4/5.6G30W4W	N	Jack	5.4 to 5.6 GHz	50Ω	30W	4Ways	20 dB	≤-18 dB	8dB	5



2.45GHz Power Divider

Part Number	Series	Plug/ Jack	Frequency Range (GHz)	Imped (Ohm)	Power (Watt)	Ways	Isolation (typical)	Return Loss (typical)	Insertion Loss (typical)	Figure
PD-AM2.4/2.5G30W2W	SMA	Plug	2.4 to 2.5 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.6 dB	1
PD-AM2.4/2.5G30W3W	SMA	Plug	2.4 to 2.5 GHz	50Ω	30W	3Ways	20 dB	≤-22 dB	5.5 dB	2
PD-AM2.4/2.5G30W4W	SMA	Plug	2.4 to 2.5 GHz	50Ω	30W	4Ways	22 dB	≤-22 dB	6.7 dB	3
PD-AF2.4/2.5G30W2W	SMA	Jack	2.4 to 2.5 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.6 dB	1
PD-AF2.4/2.5G30W3W	SMA	Jack	2.4 to 2.5 GHz	50Ω	30W	3Ways	20 dB	≤-22 dB	5.5 dB	2
PD-AF2.4/2.5G30W4W	SMA	Jack	2.4 to 2.5 GHz	50Ω	30W	4Ways	22 dB	≤-22 dB	6.7 dB	3
PD-NM2.4/2.5G30W2W	N	Plug	2.4 to 2.5 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.6 dB	1
PD-NM2.4/2.5G30W3W	N	Plug	2.4 to 2.5 GHz	50Ω	30W	3Ways	25 dB	≤-20 dB	3.6 dB	4
PD-NM2.4/2.5G30W4W	N	Plug	2.4 to 2.5 GHz	50Ω	30W	4Ways	22 dB	≤-20 dB	7.3 dB	5
PD-NF2.4/2.5G30W2W	N	Jack	2.4 to 2.5 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.6 dB	1
PD-NF2.4/2.5G30W3W	N	Jack	2.4 to 2.5 GHz	50Ω	30W	3Ways	25 dB	≤-20 dB	3.6 dB	4
PD-NF2.4/2.5G30W4W	N	Jack	2.4 to 2.5 GHz	50Ω	30W	4Ways	22 dB	≤-20 dB	7.3 dB	5

1.85GHz Power Divider

Part Number	Series	Plug/ Jack	Frequency Range (GHz)	Imped (Ohm)	Power (Watt)	Ways	Isolation (typical)	Return Loss (typical)	Insertion Loss (typical)	Figure
PD-AM1.7/2G30W2W	SMA	Plug	1.7 to 2.0 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.5 dB	1
PD-AM1.7/2G30W3W	SMA	Plug	1.7 to 2.0 GHz	50Ω	30W	3Ways	25 dB	≤-22 dB	5.7 dB	2
PD-AM1.7/2G30W4W	SMA	Plug	1.7 to 2.0 GHz	50Ω	30W	4Ways	20 dB	≤-20 dB	3.7 dB	3
PD-AF1.7/2G30W2W	SMA	Jack	1.7 to 2.0 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.5 dB	1
PD-AF1.7/2G30W3W	SMA	Jack	1.7 to 2.0 GHz	50Ω	30W	3Ways	25 dB	≤-22 dB	5.7 dB	2
PD-AF1.7/2G30W4W	SMA	Jack	1.7 to 2.0 GHz	50Ω	30W	4Ways	20 dB	≤-20 dB	3.7 dB	3
PD-NM1.7/2G30W2W	N	Plug	1.7 to 2.0 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.5 dB	1
PD-NM1.7/2G30W3W	N	Plug	1.7 to 2.0 GHz	50Ω	30W	3Ways	20 dB	≤-20 dB	5.5 dB	4
PD-NM1.7/2G30W4W	N	Plug	1.7 to 2.0 GHz	50Ω	30W	4Ways	25 dB	≤-20 dB	6.8 dB	5
PD-NF1.7/2G30W2W	N	Jack	1.7 to 2.0 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.5 dB	1
PD-NF1.7/2G30W3W	N	Jack	1.7 to 2.0 GHz	50Ω	30W	3Ways	20 dB	≤-20 dB	5.5 dB	4
PD-NF1.7/2G30W4W	N	Jack	1.7 to 2.0 GHz	50Ω	30W	4Ways	25 dB	≤-20 dB	6.8 dB	5

0.9GHz Power Divider

Part Number	Series	Plug/ Jack	Frequency Range (GHz)	Imped (Ohm)	Power (Watt)	Ways	Isolation (typical)	Return Loss (typical)	Insertion Loss (typical)	Figure
PD-AM0.8/1G30W2W	SMA	Plug	0.8 to 1.0 GHz	50Ω	30W	2Ways	22 dB	≤-20 dB	3.5 dB	1
PD-AM0.8/1G30W3W	SMA	Plug	0.8 to 1.0 GHz	50Ω	30W	3Ways	18 dB	≤-20 dB	5.5 dB	2
PD-AM0.8/1G30W4W	SMA	Plug	0.8 to 1.0 GHz	50Ω	30W	4Ways	20 dB	≤-22 dB	6.5 dB	3
PD-AF0.8/1G30W2W	SMA	Jack	0.8 to 1.0 GHz	50Ω	30W	2Ways	22 dB	≤-20 dB	3.5 dB	1
PD-AF0.8/1G30W3W	SMA	Jack	0.8 to 1.0 GHz	50Ω	30W	3Ways	18 dB	≤-20 dB	5.5 dB	2
PD-AF0.8/1G30W4W	SMA	Jack	0.8 to 1.0 GHz	50Ω	30W	4Ways	20 dB	≤-22 dB	6.5 dB	3
PD-NM0.8/1G30W2W	N	Plug	0.8 to 1.0 GHz	50Ω	30W	2Ways	25 dB	≤-20 dB	3.5 dB	1
PD-NM0.8/1G30W3W	N	Plug	0.8 to 1.0 GHz	50Ω	30W	3Ways	22 dB	≤-20 dB	5.5 dB	4
PD-NM0.8/1G30W4W	N	Plug	0.8 to 1.0 GHz	50Ω	30W	4Ways	20 dB	≤-20 dB	6.5 dB	5
PD-NF0.8/1G30W2W	N	Jack	0.8 to 1.0 GHz	50Ω	30W	2Ways	22 dB	≤-20 dB	3.5 dB	1
PD-NF0.8/1G30W3W	N	Jack	0.8 to 1.0 GHz	50Ω	30W	3Ways	20 dB	≤-20 dB	5.5 dB	4
PD-NF0.8/1G30W4W	N	Jack	0.8 to 1.0 GHz	50Ω	30W	4Ways	20 dB	≤-20 dB	6.5 dB	5

0.8~3GHz Power Divider

Part Number	Series	Plug/ Jack	Frequency Range (GHz)	Imped (Ohm)	Power (Watt)	Ways	Isolation (typical)	Return Loss (typical)	Insertion Loss (typical)	Figure
PD-AF0.8/3G30W2W	SMA	Jack	0.8 to 3.0 GHz	50Ω	30W	2Ways	25 dB	≤-22 dB	2 dB	1

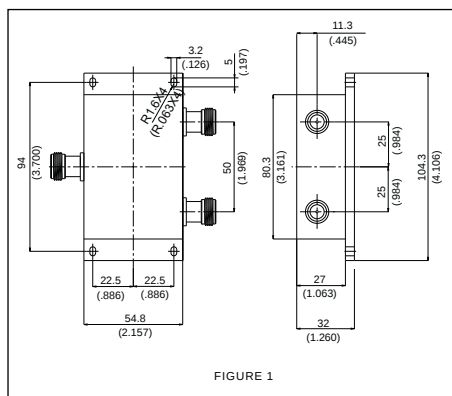


FIGURE 1

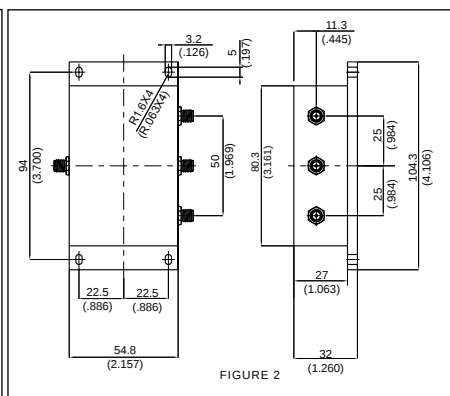


FIGURE 2

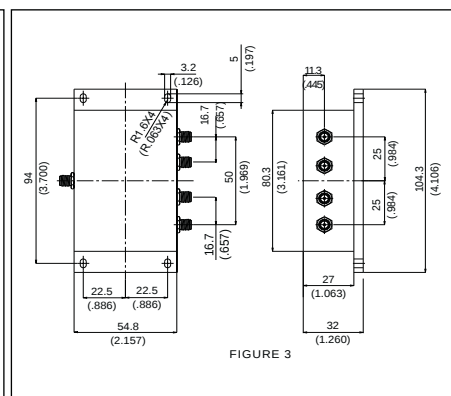


FIGURE 3

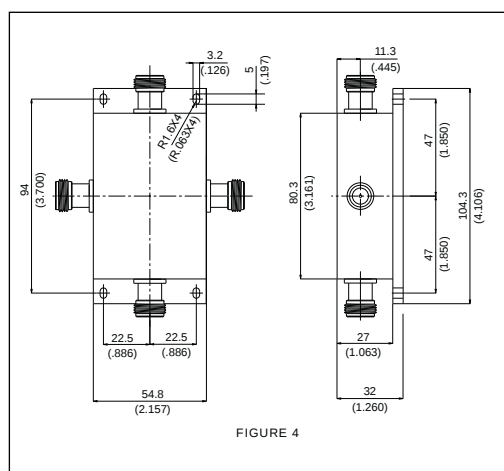


FIGURE 4

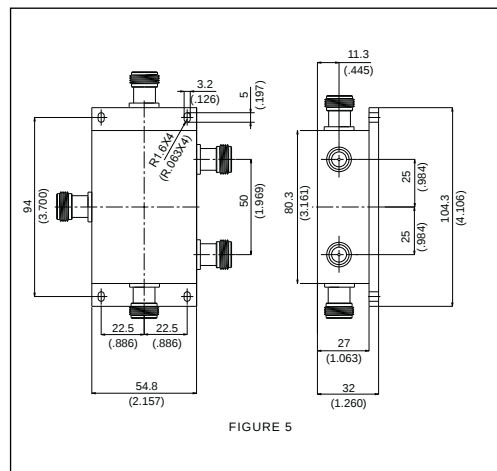
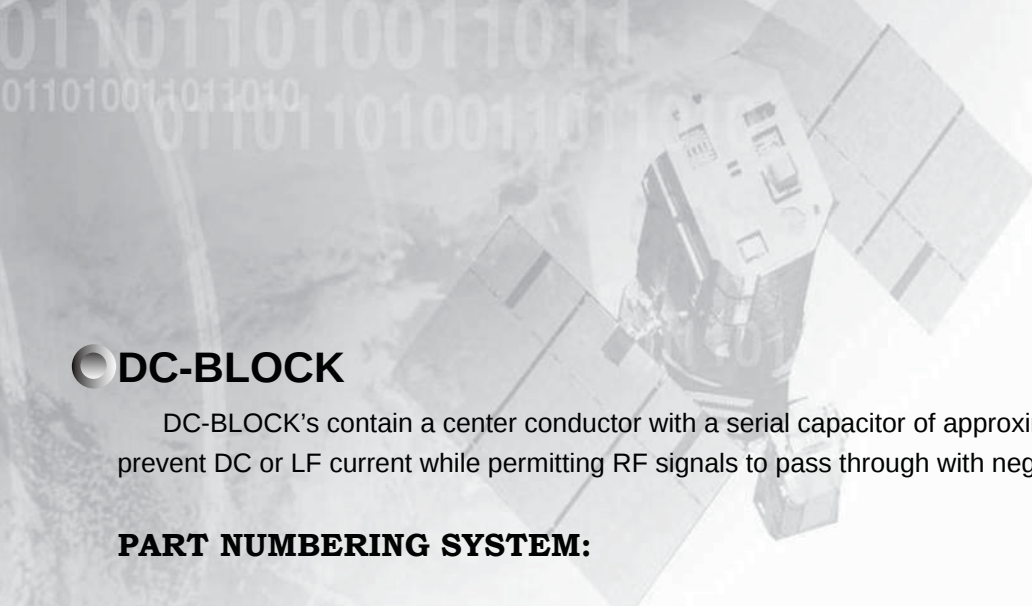


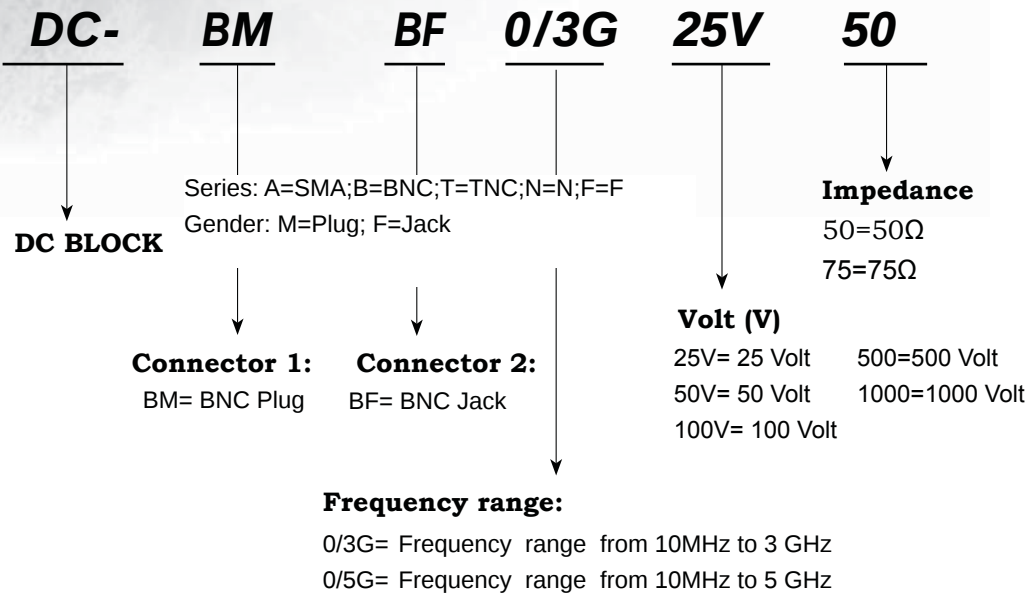
FIGURE 5



DC-BLOCK

DC-BLOCK's contain a center conductor with a serial capacitor of approximately 3nF (ceramic chip) to prevent DC or LF current while permitting RF signals to pass through with negligible loss.

PART NUMBERING SYSTEM:



COMPONENTS

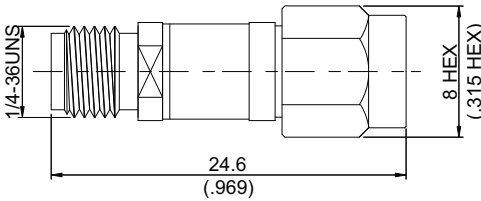


Fig.1

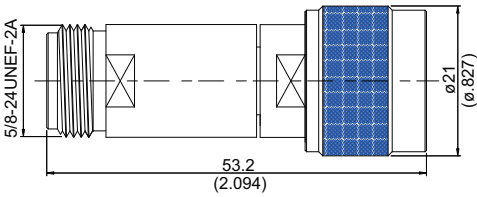


Fig.2

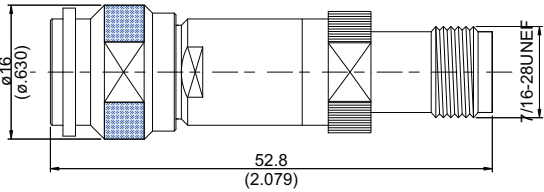


Fig.3

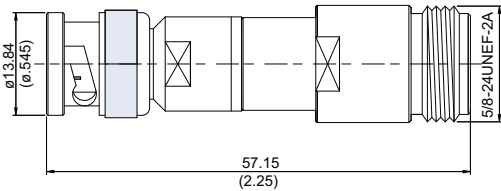


Fig.4

25 Volt DC-BLOCKS

Jyebao P/N	Connector 1		Connector 2		Frequency	Impedance	Voltage V	VSWR			Attenuation (dB)			Fig.
	Series	Plug/ Jack	Series	Plug/ Jack				1G	3G	5G	1G	3G	5G	
DC-AMAF0/5G25V50	SMA	Plug	SMA	Jack	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	1
DC-BMBF0/3G25V50	BNC	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMNF0/5G25V50	N	Plug	N	Jack	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	2
DC-TMTF0/3G25V50	TNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	3
DC-AMNM0/5G25V50	SMA	Plug	N	Plug	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBM0/3G25V50	SMA	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTM0/3G25V50	SMA	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMNF0/5G25V50	SMA	Plug	N	Jack	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBF0/3G25V50	SMA	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTF0/3G25V50	SMA	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNM0/5G25V50	SMA	Jack	N	Plug	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBM0/3G25V50	SMA	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTM0/3G25V50	SMA	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNF0/5G25V50	SMA	Jack	N	Jack	10 MHz to 5 GHz	50Ω	25V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBF0/3G25V50	SMA	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTF0/3G25V50	SMA	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBM0/3G25V50	N	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTM0/3G25V50	N	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBF0/3G25V50	N	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTF0/3G25V50	N	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBM0/3G25V50	N	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	4
DC-NFTM0/3G25V50	N	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBF0/3G25V50	N	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFTF0/3G25V50	N	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTM0/3G25V50	BNC	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTF0/3G25V50	BNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTM0/3G25V50	BNC	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTF0/3G25V50	BNC	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	25V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/

50 Volt DC-BLOCKS

Jyebao P/N	Connector 1		Connector 2		Frequency	Impedance	Voltage V	VSWR			Attenuation (dB)			Fig.
	Series	Plug/ Jack	Series	Plug/ Jack				1G	3G	5G	1G	3G	5G	
DC-AMAF0/5G50V50	SMA	Plug	SMA	Jack	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	1
DC-BMBF0/3G50V50	BNC	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMBF0/3G50V75	BNC	Plug	BNC	Jack	10 MHz to 3 GHz	75Ω	50V DC	≤1.25	≤1.35	-	≤0.1	≤0.2	-	/
DC-FMFF0/2G50V75	F	Plug	F	Jack	10 MHz to 2 GHz	75Ω	50V DC	≤1.25	≤1.35	-	≤0.1	≤0.2	-	/
DC-NMNF0/5G50V50	N	Plug	N	Jack	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	2
DC-TMTF0/3G50V50	TNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	3
DC-AMNM0/5G50V50	SMA	Plug	N	Plug	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBM0/3G50V50	SMA	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTM0/3G50V50	SMA	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMNF0/5G50V50	SMA	Plug	N	Jack	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBF0/3G50V50	SMA	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTF0/3G50V50	SMA	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNM0/5G50V50	SMA	Jack	N	Plug	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBM0/3G50V50	SMA	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTM0/3G50V50	SMA	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNF0/5G50V50	SMA	Jack	N	Jack	10 MHz to 5 GHz	50Ω	50V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBF0/3G50V50	SMA	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTF0/3G50V50	SMA	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBM0/3G50V50	N	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTM0/3G50V50	N	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBF0/3G50V50	N	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTF0/3G50V50	N	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBM0/3G50V50	N	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	4
DC-NFTM0/3G50V50	N	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBF0/3G50V50	N	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFTF0/3G50V50	N	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTM0/3G50V50	BNC	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTF0/3G50V50	BNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTM0/3G50V50	BNC	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTF0/3G50V50	BNC	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	50V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/

100 Volt DC-BLOCKS

Jyebao P/N	Connector 1		Connector 2		Frequency	Impedance	Voltage	VSWR			Attenuation (dB)			Fig.
	Series	Plug/ Jack	Series	Plug/ Jack			V	1G	3G	5G	1G	3G	5G	
DC-AMAF0/5G100V50	SMA	Plug	SMA	Jack	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	1
DC-BMBF0/3G100V50	BNC	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMNF0/5G100V50	N	Plug	N	Jack	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	2
DC-TMTF0/3G100V50	TNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	3
DC-AMNM0/5G100V50	SMA	Plug	N	Plug	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBM0/3G100V50	SMA	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTM0/3G100V50	SMA	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMNF0/5G100V50	SMA	Plug	N	Jack	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AMBF0/3G100V50	SMA	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AMTF0/3G100V50	SMA	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNM0/5G100V50	SMA	Jack	N	Plug	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBM0/3G100V50	SMA	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTM0/3G100V50	SMA	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFNF0/5G100V50	SMA	Jack	N	Jack	10 MHz to 5 GHz	50Ω	100V DC	≤1.12	≤1.2	≤1.32	≤0.1	≤0.2	≤0.5	/
DC-AFBF0/3G100V50	SMA	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-AFTF0/3G100V50	SMA	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBM0/3G100V50	N	Plug	BNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTM0/3G100V50	N	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMBF0/3G100V50	N	Plug	BNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NMTF0/3G100V50	N	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBM0/3G100V50	N	Jack	BNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	4
DC-NFTM0/3G100V50	N	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFBF0/3G100V50	N	Jack	BNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-NFTF0/3G100V50	N	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTM0/3G100V50	BNC	Plug	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BMTF0/3G100V50	BNC	Plug	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTM0/3G100V50	BNC	Jack	TNC	Plug	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/
DC-BFTF0/3G100V50	BNC	Jack	TNC	Jack	10 MHz to 3 GHz	50Ω	100V DC	≤1.12	≤1.2	-	≤0.1	≤0.2	-	/

High Voltage DC-BLOCKS

Jyebao P/N	Connector 1		Connector 2		Frequency	Impedance	Voltage	VSWR	Attenuation (dB)	Fig.
	Series	Plug/Jack	Series	Plug/Jack			V	1G	1G	
DC-BMBF0/1G500V50	BNC	Plug	BNC	Jack	10 MHz to 1 GHz	50Ω	500V DC	≤1.2	≤0.2	5
DC-BMBF0/1G1000V50	BNC	Plug	BNC	Jack	10 MHz to 1 GHz	50Ω	1000V DC	≤1.2	≤0.2	5
DC-NMNF0/1G1000V50	N	Plug	N	Jack	10 MHz to 1 GHz	50Ω	1000V DC	≤1.2	≤0.2	6

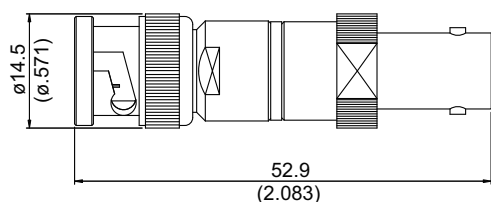


Fig.5

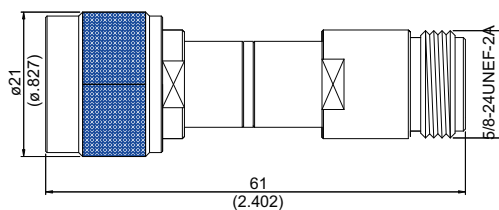
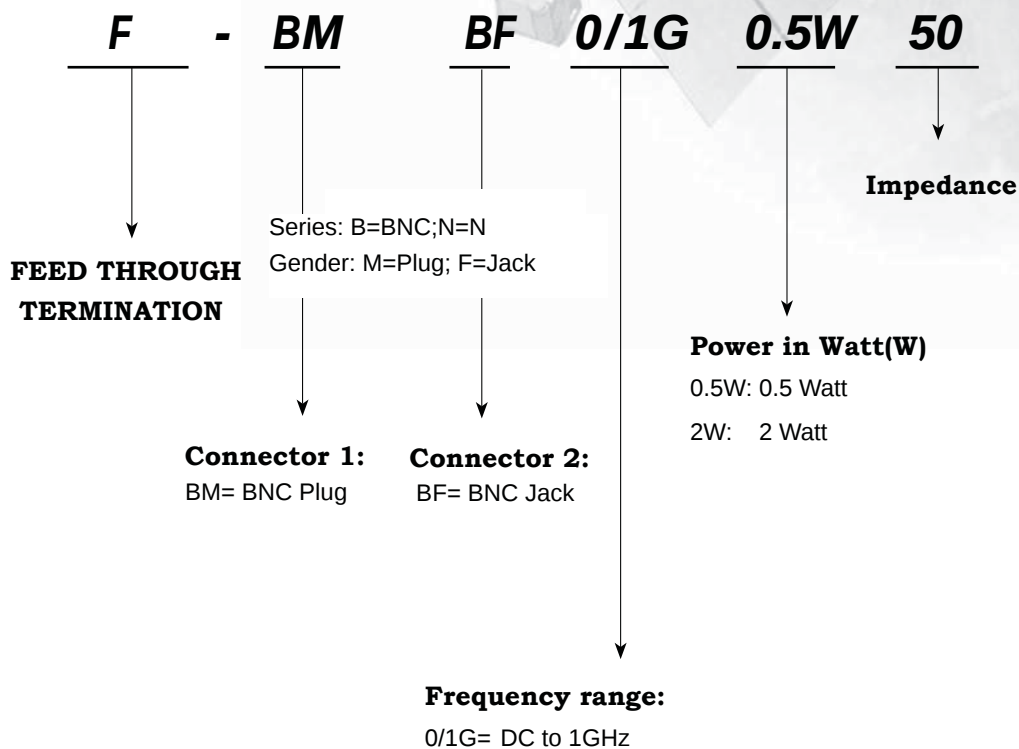


Fig.6

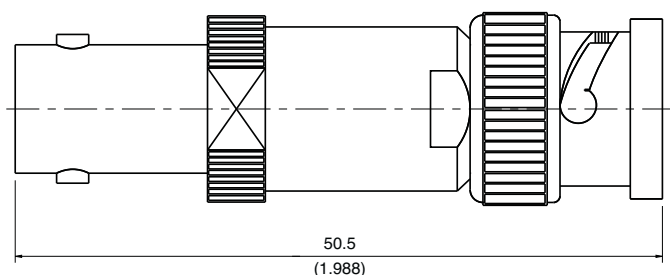
● FEED THROUGH TERMINATION

Feed through terminations are used to match 50Ω or 75Ω lines to higher impedance inputs of electronic instruments, such as oscilloscopes with typically 1MΩ input impedance.

PART NUMBERING SYSTEM:



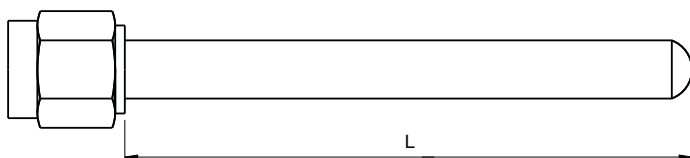
Jyebao P/N	Connector 1		Connector 2		Frequency (GHz)	Impedance (Ohm)	Power (watt)	VSWR		
	Series	Plug/ Jack	Series	Plug/ Jack				0.1G	0.5G	1G
F-BMBF0/1G0.5W50	BNC	Plug	BNC	Jack	0 to 1 GHz	50Ω	0.5W	≤1.1	≤1.25	≤1.3
F-BMBF0/1G2W50	BNC	Plug	BNC	Jack	0 to 1 GHz	50Ω	2W	≤1.1	≤1.25	≤1.3
F-BMBF0/1G0.5W75	BNC	Plug	BNC	Jack	0 to 1 GHz	75Ω	0.5W	≤1.1	≤1.25	≤1.3
F-BMBF0/1G2W75	BNC	Plug	BNC	Jack	0 to 1 GHz	75Ω	2W	≤1.1	≤1.25	≤1.3
F-NMNF0/1G0.5W50	N	Plug	N	Jack	0 to 1 GHz	50Ω	0.5W	≤1.1	≤1.25	≤1.3
F-NMNF0/1G2W50	N	Plug	N	Jack	0 to 1 GHz	50Ω	2W	≤1.1	≤1.25	≤1.3
F-NMNF0/1G0.5W75	N	Plug	N	Jack	0 to 1 GHz	75Ω	0.5W	≤1.1	≤1.25	≤1.3
F-NMNF0/1G2W75	N	Plug	N	Jack	0 to 1 GHz	75Ω	2W	≤1.1	≤1.25	≤1.3



COMPONENTS

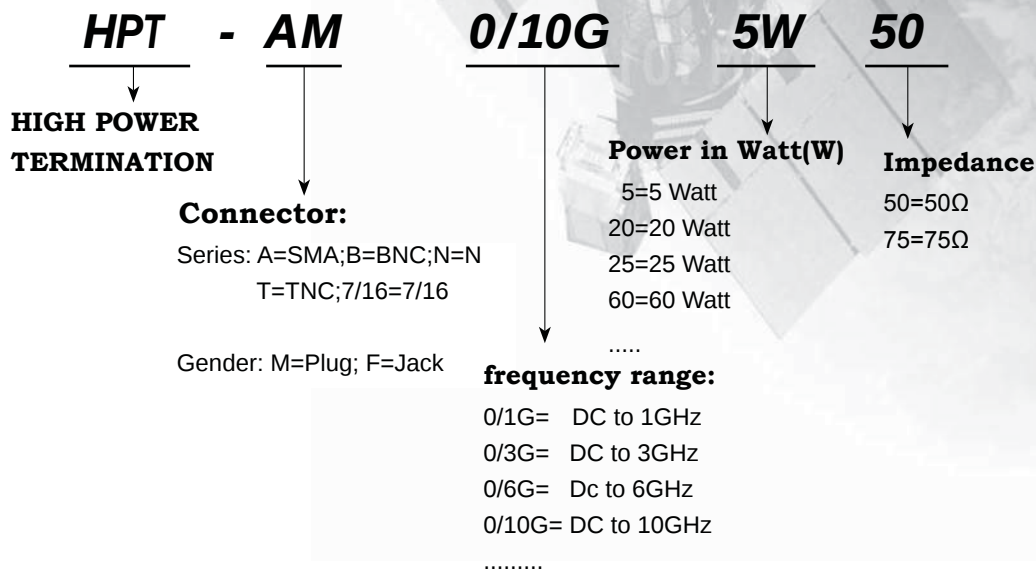
DIPOLE ANTENNA

Part Number	Series	Plug/Jack	Freq. (GHz)	Imped. (Ohm)	Power (Watt)	Straight Right Angle	Gain	Length (MM)	Polarization
ANT-AM1.8G1WST	SMA	Plug	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-AM1.8G1WRA	SMA	Plug	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-AF1.8G1WST	SMA	Jack	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-AF1.8G1WRA	SMA	Jack	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-AM2.45G1WST	SMA	Plug	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-AM2.45G1WRA	SMA	Plug	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-AF2.45G1WST	SMA	Jack	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-AF2.45G1WRA	SMA	Jack	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-AM3.5G1WST	SMA	Plug	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-AM3.5G1WRA	SMA	Plug	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-AF3.5G1WST	SMA	Jack	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-AF3.5G1WRA	SMA	Jack	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-NM1.8G1WST	N	Plug	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-NM1.8G1WRA	N	Plug	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-NF1.8G1WST	N	Jack	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-NF1.8G1WRA	N	Jack	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-NM2.45G1WST	N	Plug	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-NM2.45G1WRA	N	Plug	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-NF2.45G1WST	N	Jack	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-NF2.45G1WRA	N	Jack	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-NM3.5G1WST	N	Plug	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-NM3.5G1WRA	N	Plug	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-NF3.5G1WST	N	Jack	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-NF3.5G1WRA	N	Jack	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-BM1.8G1WST	BNC	Plug	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-BM1.8G1WRA	BNC	Plug	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-BF1.8G1WST	BNC	Jack	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-BF1.8G1WRA	BNC	Jack	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-BM2.45G1WST	BNC	Plug	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-BM2.45G1WRA	BNC	Plug	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-BF2.45G1WST	BNC	Jack	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-BF2.45G1WRA	BNC	Jack	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-BM3.5G1WST	BNC	Plug	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-BM3.5G1WRA	BNC	Plug	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-BF3.5G1WST	BNC	Jack	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-BF3.5G1WRA	BNC	Jack	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-TM1.8G1WST	TNC	Plug	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-TM1.8G1WRA	TNC	Plug	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-TF1.8G1WST	TNC	Jack	1.8	50Ω	1	Straight	1.8dB	85	Vertical
ANT-TF1.8G1WRA	TNC	Jack	1.8	50Ω	1	Right Angle	1.8dB	85	Vertical
ANT-TM2.45G1WST	TNC	Plug	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-TM2.45G1WRA	TNC	Plug	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-TF2.45G1WST	TNC	Jack	2.45	50Ω	1	Straight	1.8dB	80	Vertical
ANT-TF2.45G1WRA	TNC	Jack	2.45	50Ω	1	Right Angle	1.8dB	80	Vertical
ANT-TM3.5G1WST	TNC	Plug	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-TM3.5G1WRA	TNC	Plug	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical
ANT-TF3.5G1WST	TNC	Jack	3.5	50Ω	1	Straight	1.8dB	55	Vertical
ANT-TF3.5G1WRA	TNC	Jack	3.5	50Ω	1	Right Angle	1.8dB	55	Vertical



HIGH POWER TERMINATION

PART NUMBERING SYSTEM:



SMA High Power Terminations:

SMA 5 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR			
						1G	3G	6G	10G
HPT-AM0/3G5W50	1	Plug	0 to 3GHz	50Ω	5W	≤1.2	≤1.3	-	-
HPT-AM0/6G5W50	1	Plug	0 to 6GHz	50Ω	5W	≤1.15	≤1.25	≤1.3	-
HPT-AM0/10G5W50	1	Plug	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.2	≤1.35
HPT-AF0/3G5W50	/	Jack	0 to 3GHz	50Ω	5W	≤1.2	≤1.3	-	-
HPT-AF0/6G5W50	/	Jack	0 to 6GHz	50Ω	5W	≤1.15	≤1.25	≤1.3	-
HPT-AF0/10G5W50	/	Jack	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.2	≤1.35

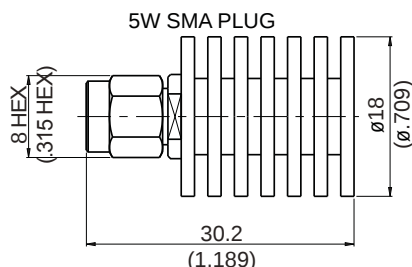


Fig.1

SMA 20 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR			
						1G	3G	6G	10G
HPT-AM0/3G20W50	2	Plug	0 to 3GHz	50Ω	20W	≤1.2	≤1.3	-	-
HPT-AM0/6G20W50	2	Plug	0 to 6GHz	50Ω	20W	≤1.15	≤1.25	≤1.3	-
HPT-AM0/10G20W50	2	Plug	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.2	≤1.35
HPT-AF0/3G20W50	3	Jack	0 to 3GHz	50Ω	20W	≤1.2	≤1.3	-	-
HPT-AF0/6G20W50	3	Jack	0 to 6GHz	50Ω	20W	≤1.15	≤1.25	≤1.3	-
HPT-AF0/10G20W50	3	Jack	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.2	≤1.35

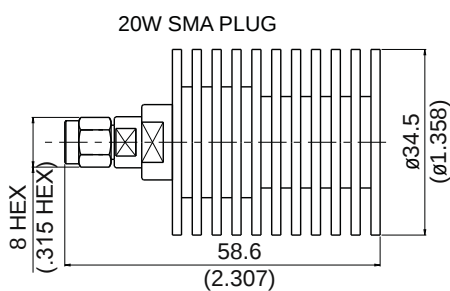


Fig.2

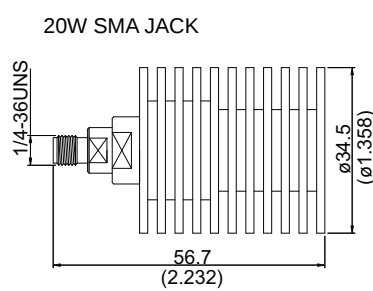


Fig.3

SMA 60 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR	
						1G	4G
HPT-AM0/4G60W50	4	Plug	0 to 4GHz	50Ω	60W	≤1.2	≤1.3
HPT-AF0/4G60W50	/	Jack	0 to 4GHz	50Ω	60W	≤1.2	≤1.3

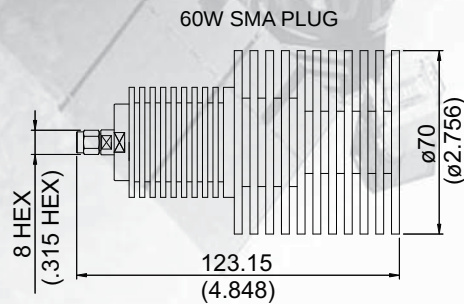


Fig.4

N High Power Terminations:

N 5 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR				
						1G	2G	3G	6G	10G
HPT-NM0/3G5W50	1	Plug	0 to 3GHz	50Ω	5W	≤1.2	≤1.25	≤1.3	-	-
HPT-NM0/6G5W50	1	Plug	0 to 6GHz	50Ω	5W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-NM0/10G5W50	1	Plug	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-NF0/3G5W50	2	Jack	0 to 3GHz	50Ω	5W	≤1.2	≤1.25	≤1.3	-	-
HPT-NF0/6G5W50	2	Jack	0 to 6GHz	50Ω	5W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-NF0/10G5W50	2	Jack	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-NM0/1G5W75	1	Plug	0 to 1GHz	75Ω	5W	≤1.2	-	-	-	-
HPT-NM0/2G5W75	1	Plug	0 to 2GHz	75Ω	5W	≤1.15	≤1.3	-	-	-
HPT-NF0/1G5W75	2	Jack	0 to 1GHz	75Ω	5W	≤1.2	-	-	-	-
HPT-NF0/2G5W75	2	Jack	0 to 2GHz	75Ω	5W	≤1.15	≤1.3	-	-	-

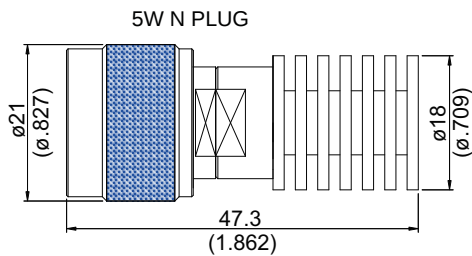


Fig.1

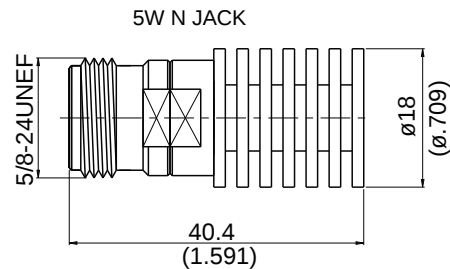


Fig.2

N 20 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR				
						1G	2G	3G	6G	10G
HPT-NM0/3G20W50	3	Plug	0 to 3GHz	50Ω	20W	≤1.2	≤1.25	≤1.3	-	-
HPT-NM0/6G20W50	3	Plug	0 to 6GHz	50Ω	20W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-NM0/10G20W50	3	Plug	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-NF0/3G20W50	/	Jack	0 to 3GHz	50Ω	20W	≤1.2	≤1.25	≤1.3	-	-
HPT-NF0/6G20W50	/	Jack	0 to 6GHz	50Ω	20W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-NF0/10G20W50	/	Jack	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-NM0/1G20W75	3	Plug	0 to 1GHz	75Ω	20W	≤1.2	-	-	-	-
HPT-NM0/2G20W75	3	Plug	0 to 2GHz	75Ω	20W	≤1.15	≤1.3	-	-	-
HPT-NF0/1G20W75	/	Jack	0 to 1GHz	75Ω	20W	≤1.2	-	-	-	-
HPT-NF0/2G20W75	/	Jack	0 to 2GHz	75Ω	20W	≤1.15	≤1.3	-	-	-

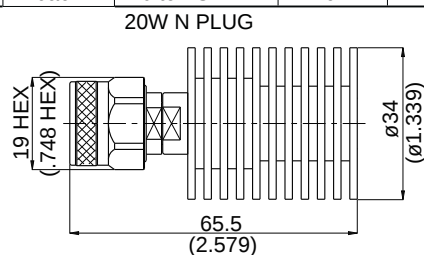


Fig.3

N 60 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR		
						1G	2G	4G
HPT-NM0/4G60W50	4	Plug	0 to 4GHz	50Ω	60W	≤1.15	≤1.2	≤1.3
HPT-NF0/4G60W50	/	Jack	0 to 4GHz	50Ω	60W	≤1.15	≤1.2	≤1.3
HPT-NM0/1G60W75	4	Plug	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-NM0/2G60W75	4	Plug	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-
HPT-NF0/1G60W75	/	Jack	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-NF0/2G60W75	/	Jack	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-

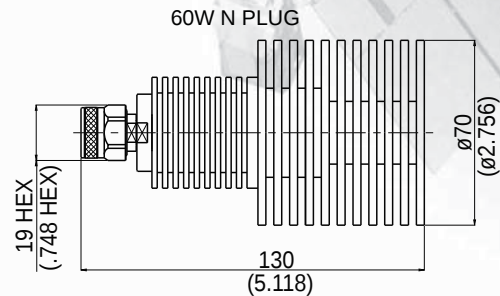


Fig.4

7/16 High Power Terminations:

7/16 25 Watt Series

Jyebao P/N	Figure	Plug/Jack	Frequency Range(GHz)	Imped Ohm	Power (watt)	VSWR			
						1G	2G	3G	6G
HPT-7/16M0/3G25W50	1	Plug	0 to 3 GHz	50Ω	25W	≤1.2	≤1.25	≤1.3	-
HPT-7/16M0/6G25W50	1	Plug	0 to 6 GHz	50Ω	25W	≤1.15	≤1.2	≤1.25	≤1.3
HPT-7/16F0/3G25W50	/	Jack	0 to 3 GHz	50Ω	25W	≤1.2	≤1.25	≤1.3	-
HPT-7/16F0/6G25W50	/	Jack	0 to 6 GHz	50Ω	25W	≤1.15	≤1.2	≤1.25	≤1.3

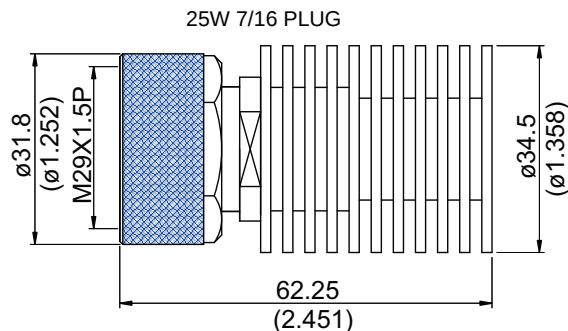


Fig.1

7/16 60 Watt Series

Jyebao P/N	Plug/ Jack	Frequency Range (GHz)	Imped Ohm	Power (watt)	VSWR			
					1G	2G	3G	4G
HPT-7/16M0/4G60W50	Plug	0 to 4 GHz	50Ω	60W	≤1.15	≤1.2	≤1.25	≤1.3
HPT-7/16F0/4G60W50	Jack	0 to 4 GHz	50Ω	60W	≤1.15	≤1.2	≤1.25	≤1.3



BNC High Power Terminations:
BNC 5 Watt Series

Part Number	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR		
					1G	2G	3G
HPT-BM0/1G5W50	Plug	0 to 1 GHz	50Ω	5W	≤1.2	-	-
HPT-BM0/3G5W50	Plug	0 to 3 GHz	50Ω	5W	≤1.1	≤1.2	≤1.3
HPT-BF0/1G5W50	Jack	0 to 1 GHz	50Ω	5W	≤1.2	-	-
HPT-BF0/3G5W50	Jack	0 to 3 GHz	50Ω	5W	≤1.1	≤1.2	≤1.3
HPT-BM0/1G5W75	Plug	0 to 1 GHz	75Ω	5W	≤1.2	-	-
HPT-BM0/2G5W75	Plug	0 to 2 GHz	75Ω	5W	≤1.15	≤1.3	-
HPT-BF0/1G5W75	Jack	0 to 1 GHz	75Ω	5W	≤1.2	-	-
HPT-BF0/2G5W75	Jack	0 to 2 GHz	75Ω	5W	≤1.15	≤1.3	-

BNC 20 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR		
						1G	2G	3G
HPT-BM0/1G20W50	1	Plug	0 to 1 GHz	50Ω	20W	≤1.2	-	-
HPT-BM0/3G20W50	1	Plug	0 to 3 GHz	50Ω	20W	≤1.1	≤1.2	≤1.3
HPT-BF0/1G20W50	/	Jack	0 to 1 GHz	50Ω	20W	≤1.2	-	-
HPT-BF0/3G20W50	/	Jack	0 to 3 GHz	50Ω	20W	≤1.1	≤1.2	≤1.3
HPT-BM0/1G20W75	1	Plug	0 to 1 GHz	75Ω	20W	≤1.2	-	-
HPT-BM0/2G20W75	1	Plug	0 to 2 GHz	75Ω	20W	≤1.15	≤1.3	-
HPT-BF0/1G20W75	/	Jack	0 to 1 GHz	75Ω	20W	≤1.2	-	-
HPT-BF0/2G20W75	/	Jack	0 to 2 GHz	75Ω	20W	≤1.15	≤1.3	-

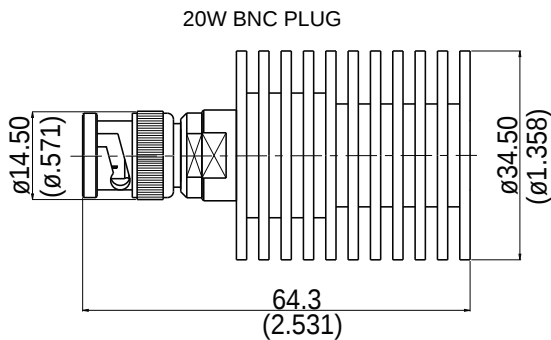


Fig.1

BNC 60 Watt Series

Part Number	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR		
					1G	2G	3G
HPT-BM0/1G60W50	Plug	0 to 1 GHz	50Ω	60W	≤1.2	-	-
HPT-BM0/3G60W50	Plug	0 to 3 GHz	50Ω	60W	≤1.1	≤1.2	≤1.3
HPT-BF0/1G60W50	Jack	0 to 1 GHz	50Ω	60W	≤1.2	-	-
HPT-BF0/3G60W50	Jack	0 to 3 GHz	50Ω	60W	≤1.1	≤1.2	≤1.3
HPT-BM0/1G60W75	Plug	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-BM0/2G60W75	Plug	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-
HPT-BF0/1G60W75	Jack	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-BF0/2G60W75	Jack	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-

TNC High Power Terminations:

TNC 5 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR				
						1G	2G	3G	6G	10G
HPT-TM0/3G5W50	1	Plug	0 to 3GHz	50Ω	5W	≤1.2	≤1.25	≤1.3	-	-
HPT-TM0/6G5W50	1	Plug	0 to 6GHz	50Ω	5W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-TM0/10G5W50	1	Plug	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-TF0/3G5W50	/	Jack	0 to 3GHz	50Ω	5W	≤1.2	≤1.25	≤1.3	-	-
HPT-TF0/6G5W50	/	Jack	0 to 6GHz	50Ω	5W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-TF0/10G5W50	/	Jack	0 to 10GHz	50Ω	5W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-TM0/1G5W75	1	Plug	0 to 1 GHz	75Ω	5W	≤1.2	-	-	-	-
HPT-TM0/2G5W75	1	Plug	0 to 2 GHz	75Ω	5W	≤1.15	≤1.3	-	-	-
HPT-TF0/1G5W75	/	Jack	0 to 1 GHz	75Ω	5W	≤1.2	-	-	-	-
HPT-TF0/2G5W75	/	Jack	0 to 2 GHz	75Ω	5W	≤1.15	≤1.3	-	-	-

TNC 20 Watt Series

Part Number	Figure	Plug/ Jack	Frequency Range (GHz)	Imped. (Ohm)	Power (Watt)	VSWR				
						1G	2G	4G	6G	10G
HPT-TM0/3G20W50	2	Plug	0 to 3GHz	50Ω	20W	≤1.2	≤1.25	≤1.3	-	-
HPT-TM0/6G20W50	2	Plug	0 to 6GHz	50Ω	20W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-TM0/10G20W50	2	Plug	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-TF0/3G20W50	/	Jack	0 to 3GHz	50Ω	20W	≤1.2	≤1.25	≤1.3	-	-
HPT-TF0/6G20W50	/	Jack	0 to 6GHz	50Ω	20W	≤1.15	≤1.2	≤1.25	≤1.3	-
HPT-TF0/10G20W50	/	Jack	0 to 10GHz	50Ω	20W	≤1.05	≤1.1	≤1.15	≤1.2	≤1.35
HPT-TM0/1G20W75	2	Plug	0 to 1 GHz	75Ω	20W	≤1.2	-	-	-	-
HPT-TM0/2G20W75	2	Plug	0 to 2 GHz	75Ω	20W	≤1.15	≤1.3	-	-	-
HPT-TF0/1G20W75	/	Jack	0 to 1 GHz	75Ω	20W	≤1.2	-	-	-	-
HPT-TF0/2G20W75	/	Jack	0 to 2 GHz	75Ω	20W	≤1.15	≤1.3	-	-	-

TNC 60 Watt Series

Part Number	Plug/ Jack	Frequency Range (GHz)	Imped. Ohm	Power Watt	VSWR		
					1G	2G	4G
HPT-TM0/4G60W50	Plug	0 to 4GHz	50Ω	60W	≤1.15	≤1.2	≤1.3
HPT-TF0/4G60W50	Jack	0 to 4GHz	50Ω	60W	≤1.15	≤1.2	≤1.3
HPT-TM0/1G60W75	Plug	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-TM0/2G60W75	Plug	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-
HPT-TF0/1G60W75	Jack	0 to 1 GHz	75Ω	60W	≤1.2	-	-
HPT-TF0/2G60W75	Jack	0 to 2 GHz	75Ω	60W	≤1.15	≤1.3	-

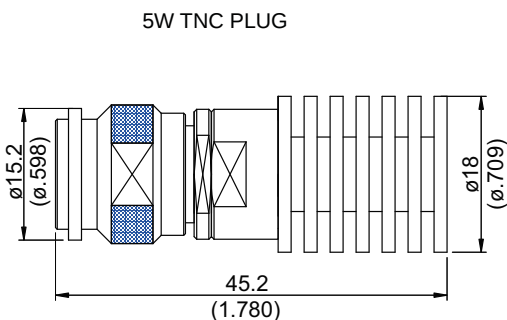


Fig.1

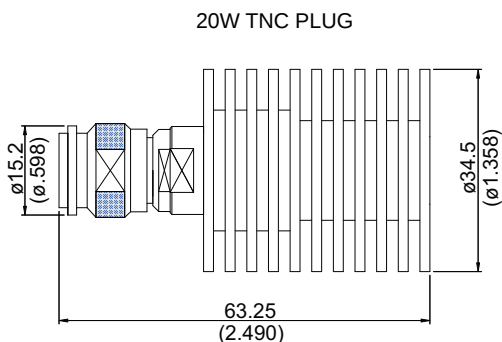


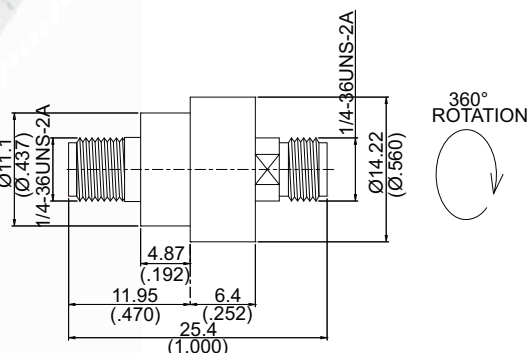
Fig.2

ROTARY JOINTS

Rotary joints are used to transmit microwave energy from stationary lines to rotating lines.

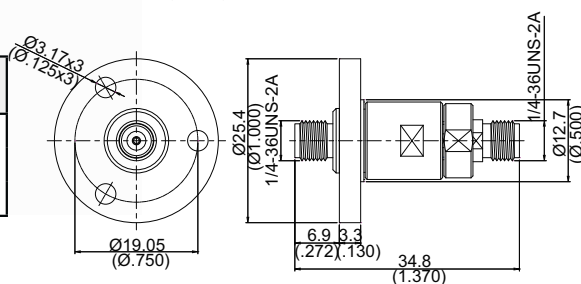
SMA JACK TO SMA JACK

Part Number	Freq(GHz)	VSWR _{max}	VSWR-WOW	Insertion Loss(dB)	Insertion Loss-WOW(dB)	Phase-WOW	Remark
RJS-A8A8	DC~6GHz	1.15	≤0.01	≤0.3	≤0.03	≤0.5°	Stainless Passivated
	6~12.4GHz	1.3	≤0.02	≤0.4	≤0.05	≤1°	
	12.4~18GHz	1.4	≤0.03	≤0.6	≤0.1	≤1.5°	
RJSG-A8A8	DC~6GHz	1.15	≤0.01	≤0.3	≤0.03	≤0.5°	Gold Plated Stainless
	6~12.4GHz	1.3	≤0.02	≤0.4	≤0.05	≤1°	
	12.4~18GHz	1.4	≤0.03	≤0.6	≤0.1	≤1.5°	



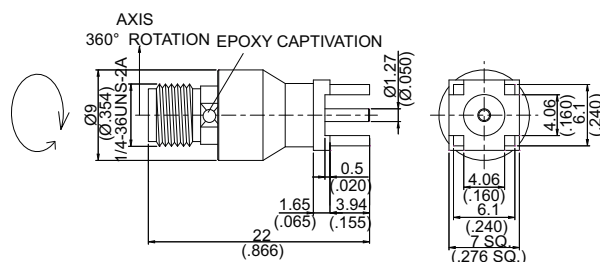
SMA JACK TO SMA JACK FOR PANEL RECEPTACLE

Part Number	Freq(GHz)	VSWR _{max}	VSWR-WOW	Insertion Loss(dB)	Insertion Loss-WOW(dB)	Phase-WOW	Remark
RJS-A8A8-P3	DC-6GHz	1.15	≤0.01	≤0.3	≤0.03	≤0.5°	Stainless Passivated
	6~12.4GHz	1.3	≤0.02	≤0.4	≤0.05	≤1°	
	12.4~18GHz	1.4	≤0.03	≤0.6	≤0.1	≤1.5°	



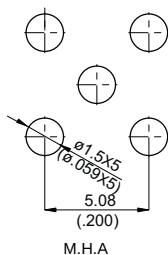
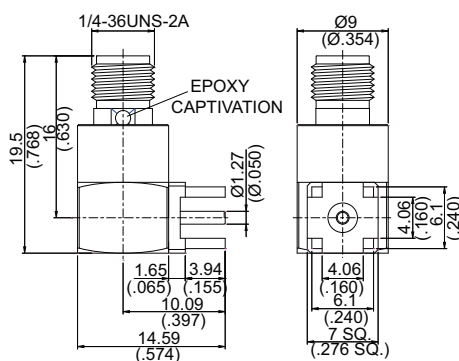
SMA JACK FOR P.C.B MOUNT

Part Number	Freq(GHz)	M.H	VSWR _{max}	VSWR-WOW	Insertion Loss(dB)	Insertion Loss-WOW(dB)	Phase-WOW
SMARJ8400-0000	DC~6GHz	A	1.15	≤0.01	≤0.3	≤0.03	≤0.5°



SMA JACK FOR P.C.B MOUNT RIGHT ANGLE

Part Number	Freq(GHz)	M.H	VSWR _{max}	VSWR-WOW	Insertion Loss(dB)	Insertion Loss-WOW(dB)	Phase-WOW
SMARJ8400-9000	DC~6GHz	A	1.25	≤0.02	≤0.4	≤0.05	≤0.5°



NOTE:

(1)VSWR-WOW:

VSWR rotational effect(WOW) is the change in VSWR that occurs with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

(2)Insertion Loss-WOW:

Insertion loss rotational effect(WOW) is the change in insertion loss that occurs with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

(3)Phase-WOW:

Phase rotational rotational effect(WOW) is the change in phase with rotation around its axis and is the difference between the maximum and minimum values observed in one 360° rotation.

(4)Average power: 1GHz/200W ; 15GHz/40W ; 18GHz/30W.

(5)Peak power: 18GHz/3000W.

(6)Continuous rotational speed (rpm): 100

(7)Operating temp: -40°C to +70°C.

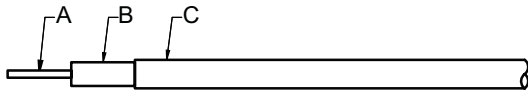
RF CABLE

ABBREVIATIONS:

BC	: Bare Copper
CW	: Copper Covered Steel Wire
FEP	: Fluorinated Ethylene Propylene
LSFH	: Modified Polyethylene Which Is Low Smoke & Halogen Free
PE	: Polyethylene
PEX	: Crosslinked Polyethylene
PTFE	: Polytetrafluoroethylene
PVC	: Polyvinyl Chloride
SPC	: Silver Plated Copper
SPCW	: Silver Plated Copperweld
TPC	: Tin Plated Copper
SPEX	: Crosslink Foamed Polyethylene
LPTFE	: Low Density PTFE
TPA	: Tin Plated Aluminium
SS	: Stainless Steel

SEMI-RIGID COAXIAL CABLE

CABLE BUILD UP OF SEMI-RIGID CABLE



A	CENTER CONDUCTOR
B	DIELECTRIC
C	SOLID OUTER CONDUCTOR

SEMI-RIGID CABLE PART NUMBERING SYSTEM

.047	CU	-	C	-	P	-	50
↓	↓		↓		↓		↓
Cable size:			Inner conductor		Dielectric		Impedance
.034: 0.034inch .070: 0.070inch .047: 0.047inch .085: 0.085inch .090: 0.090inch .118: 0.118inch .125: 0.125inch .141: 0.141inch .250: 0.250inch			- C : Silver plated copper (SPC) - W : Silver plated copperweld (SPCW)		- P : PTFE - F : FEP - L : Low density PTFE		10 : 10Ω 25 : 25Ω 30 : 30Ω 50 : 50Ω 75 : 75Ω 93 : 93Ω
			Outer Conductor:				
	- CU : Bare copper semi-rigid cable - AG : Silver plated copper semi-rigid cable - TIN : Tin plated copper semi-rigid cable - AL : Tin plated aluminum semi-rigid cable - SS : Stainless steel semi-rigid cable						



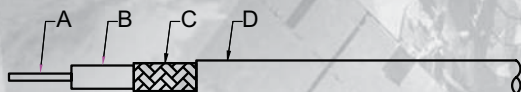
Part Number	Impe dance	Outer Conductor Diameter		Outer Conductor Material	Dielectric Diameter		Dielectric Material	Center Conductor Diameter		Center Conductor Material	Capacitance Nominal		Corona Extinction Voltage	Voltage Withstanding	Cut off frequency	Max Operating Temp
	Ohms	Inch	mm		Inch	mm		Inch	mm		pF/ft	pF/M				
.034CU-C-F-10	10	0.034	0.86	BC	0.025	0.64	FEP	0.0201	0.51	SPC	145.1	476	200	500	116	100
.043AG-C-F-10	10	0.0445	1.13	SPC	0.036	0.91	FEP	0.0285	0.72	SPC	145.1	476	200	500	81	100
.070CU-C-F-10	10	0.07	1.78	BC	0.0547	1.39	FEP	0.0425	1.08	SPC	145	475	500	1000	58	100
.070AG-C-F-10	10	0.07	1.78	SPC	0.0547	1.39	FEP	0.0425	1.08	SPC	145	475	500	1000	58	100
.034CU-C-P-17	17	0.034	0.86	BC	0.025	0.64	PTFE	0.0159	0.4	SPC	85.4	280	200	500	128	100
.034CU-W-P-25	25	0.034	0.86	BC	0.023	0.58	PTFE	0.0126	0.32	SPCW	58	190.4	200	500	148	100
.070CU-C-F-25	25	0.07	1.78	BC	0.0551	1.4	FEP	0.032	0.81	SPC	58	190.4	1500	2500	58	100
.070TIN-C-F-25	25	0.07	1.78	TPC	0.0551	1.4	FEP	0.032	0.81	SPC	58	190.4	1500	2500	58	100
.070AG-C-F-25	25	0.07	1.78	SPC	0.0551	1.4	FEP	0.032	0.81	SPC	58	190.4	1500	2500	58	100
.090CU-C-P-25	25	0.09	2.29	BC	0.0709	1.8	PTFE	0.0394	1	SPC	58	190.4	1500	2500	46	125
.125CU-C-P-25	25	0.1252	3.18	BC	0.1016	2.58	PTFE	0.056	1.42	SPC	61	200	1500	2500	34	125
.031CU-C-L-50	50	0.031	0.787	BC	0.0242	0.615	LPTFE	0.008	0.203	SPC	27	88.56	500	1000	175	225
.031TIN-C-L-50	50	0.031	0.787	TPC	0.0242	0.615	LPTFE	0.008	0.203	SPC	27	88.56	500	1000	175	225
.034CU-W-P-50	50	0.034	0.86	BC	0.0252	0.64	PTFE	0.008	0.2	SPCW	29	95.1	750	2000	155	125
.034AG-W-P-50	50	0.034	0.86	SPC	0.0252	0.64	PTFE	0.008	0.2	SPCW	29	95.1	750	2000	155	125
.034TIN-W-P-50	50	0.034	0.86	TPC	0.0252	0.64	PTFE	0.008	0.2	SPCW	29	95.1	750	2000	155	125
.047CU-W-P-50	50	0.0449	1.14	BC	0.0362	0.92	PTFE	0.0113	0.29	SPCW	29	95.1	1000	2000	109	150
.047AG-W-P-50	50	0.0449	1.14	SPC	0.0362	0.92	PTFE	0.0113	0.29	SPCW	29	95.1	1000	2000	109	150
.047AL-W-P-50	50	0.0449	1.14	TPA	0.0362	0.92	PTFE	0.0113	0.29	SPCW	29	95.1	1000	2000	109	125
.047TIN-W-P-50	50	0.0449	1.14	TPC	0.0362	0.92	PTFE	0.0113	0.29	SPCW	29	95.1	1000	2000	109	150
.047SS-W-P-50	50	0.0449	1.14	SS	0.0362	0.92	PTFE	0.0113	0.29	SPCW	29	95.1	1000	2000	109	200
.047AL-C-L-50	50	0.047	1.19	TPA	0.037	0.94	LPTFE	0.0126	0.32	SPC	29	95.1	1000	2000	115	200
.070CU-C-P-50	50	0.07	1.78	BC	0.057	1.45	PTFE	0.0179	0.45	SPC	29	95.1	1200	3500	68	125
.070AG-C-P-50	50	0.07	1.78	SPC	0.057	1.45	PTFE	0.0179	0.45	SPC	29	95.1	1200	3500	68	125
.085CU-W-P-50	50	0.085	2.16	BC	0.0654	1.66	PTFE	0.0201	0.51	SPCW	29	95.1	1500	5000	61	125
.085AG-W-P-50	50	0.085	2.16	SPC	0.0654	1.66	PTFE	0.0201	0.51	SPCW	29	95.1	1500	5000	61	125
.085TIN-W-P-50	50	0.085	2.16	TPC	0.0654	1.66	PTFE	0.0201	0.51	SPCW	29	95.1	1500	5000	61	125
.085AL-W-P-50	50	0.0858	2.18	TPA	0.0654	1.66	PTFE	0.0201	0.51	SPCW	29	95.1	1500	5000	61	125
.085SS-W-P-50	50	0.0858	2.16	SS	0.0654	1.66	PTFE	0.0201	0.51	SPCW	29	95.1	1500	5000	61	200
.085CU-C-L-50	50	0.0865	2.2	BC	0.066	1.676	LPTFE	0.0226	0.574	SPC	27	88.56	1500	2500	64	250
.085AG-C-L-50	50	0.0865	2.2	SPC	0.066	1.676	LPTFE	0.0226	0.574	SPC	27	88.56	1500	2500	64	250
.085TIN-C-L-50	50	0.0865	2.2	TPC	0.066	1.676	LPTFE	0.0226	0.574	SPC	27	88.56	1500	2500	64	250
.085AL-C-L-50	50	0.0865	2.2	TPA	0.066	1.676	LPTFE	0.0226	0.574	SPC	27	88.56	1500	2500	64	250
.118CU-W-L-50	50	0.1157	2.94	BC	0.0941	2.39	LPTFE	0.032	0.813	SPCW	23.23	76.2	1200	3500	45	250
.118AG-W-L-50	50	0.1157	2.94	SPC	0.0941	2.39	LPTFE	0.032	0.813	SPCW	23.23	76.2	1200	3500	45	250
.118TIN-W-L-50	50	0.1157	2.94	TPC	0.0941	2.39	LPTFE	0.032	0.813	SPCW	23.23	76.2	1200	3500	45	250
.141CU-W-P-50	50	0.141	3.58	BC	0.1175	2.98	PTFE	0.0359	0.91	SPCW	29	95.1	1900	5000	34	125
.141AG-W-P-50	50	0.141	3.58	SPC	0.1175	2.98	PTFE	0.0359	0.91	SPCW	29	95.1	1900	5000	34	125
.141TIN-W-P-50	50	0.141	3.58	TPC	0.1175	2.98	PTFE	0.0359	0.91	SPCW	29	95.1	1900	5000	34	125
.141AL-W-P-50	50	0.141	3.58	TPA	0.1175	2.98	PTFE	0.0359	0.91	SPCW	29	95.1	1900	5000	34	125
.141SS-W-P-50	50	0.126	3.19	SS	0.1175	2.98	PTFE	0.0359	0.91	SPCW	29	95.1	1900	5000	34	240
.141CU-C-L-50	50	0.141	3.581	BC	0.1175	2.984	LPTFE	0.0403	1.024	SPC	26.6	87.3	1900	5000	36	250
.141AG-C-L-50	50	0.141	3.581	SPC	0.1175	2.984	LPTFE	0.0403	1.024	SPC	26.6	87.3	1900	5000	36	250
.141TIN-C-L-50	50	0.141	3.581	TPC	0.1175	2.984	LPTFE	0.0403	1.024	SPC	26.6	87.3	1900	5000	36	250
.141AL-C-L-50	50	0.141	3.581	TPA	0.1175	2.984	LPTFE	0.0403	1.024	SPC	26.6	87.3	1900	5000	36	250
.250CU-C-P-50	50	0.25	6.35	BC	0.209	5.31	PTFE	0.0654	1.66	SPC	29	95.1	3000	7500	19	150
.250AG-C-P-50	50	0.25	6.35	SPC	0.209	5.31	PTFE	0.0654	1.66	SPC	29	95.1	3000	7500	19	150
.250TIN-C-P-50	50	0.25	6.35	TPC	0.209	5.31	PTFE	0.0654	1.66	SPC	29	95.1	3000	7500	19	150
.250AL-C-P-50	50	0.25	6.35	TPA	0.209	5.31	PTFE	0.0654	1.66	SPC	29	95.1	3200	7500	19	150
.085CU-W-P-75	75	0.085	2.16	BC	0.067	1.7	PTFE	0.0113	0.287	SPCW	19.3	63.5	1200	2500	67	125
.090CU-C-F-75	75	0.09	2.29	BC	0.0748	1.9	FEP	0.0128	0.0325	SPC	19.3	63.5	1500	2500	60	125
.141CU-W-P-75	75	0.141	3.58	BC	0.1175	2.98	PTFE	0.0201	0.51	SPCW	19.3	63.5	2000	5000	38	125
.130CU-W-P-93	93	0.13	3.3	BC	0.103	2.62	PTFE	0.0113	0.29	SPCW	15.6	51.2	1500	3000	46	125

CABLE

Min Inside Bend Radius		Weight		Typical Attenuation dB/100FT & dB/100M; Average Power (Watts CW) at 20°C and sea level														
				dB/100Ft	dB/100M	Power	dB/100Ft	dB/100M	Power	dB/100Ft	dB/100M	Power	dB/100Ft	dB/100M	Power	dB/100Ft	dB/100M	Power
				0.5GHz			1GHz			5GHz			10GHz			20GHz(*18GHz)		
Inch	mm	g/Ft	g/M															
0.125	3.18	1.37	4.5	100	328	15	141.8	465.1	10.6	319.3	1047.3	4.7	454	1489.1	3.3	646.9	2121.8	2.3
0.125	3.18	2.04	6.7	65.6	215.2	27.7	93	305	19.5	210.3	689.8	8.7	299.8	983.3	6.1	428.9	1406.8	4.3
0.125	3.18	5.8	19	56	183.7	61	79	259.1	43	178	583.8	20	253	829.8	13	360	1180.9	10
0.125	3.18	5.8	19	56	183.7	49	79	259.1	34.4	178	583.8	16	253	829.8	10.4	360	1180.9	8
0.125	3.18	1.37	4.5	61.9	203	27	87.8	288	19	198.7	651.7	8.4	283.4	929.6	5.9	405.7	1330.7	4.1
0.125	3.18	1.37	4.5	49.9	163.7	30	70.8	232.2	21.2	160.6	526.8	9.4	229.5	752.8	6.6	329.4	1080.4	4.6
0.125	3.18	4.6	15.1	21.7	71.2	101	30.9	101.4	71	71.4	243.2	30.9	103.4	339.2	21.4	151.1	495.6	14.8
0.125	3.18	4.6	15.1	21.7	71.2	82	30.9	101.4	58	71.4	243.2	25	103.4	339.2	17.5	151.1	495.6	12.1
0.125	3.18	4.6	15.1	21.7	71.2	78.1	30.9	101.4	54.9	71.4	243.2	23.9	103.4	339.2	16.6	151.1	495.6	11.5
0.125	3.18	7.3	24	16.1	52.8	205	23	75.4	143.8	53.8	176	62.1	78.5	257.5	42.8	116	308.5	29.3
0.188	4.78	14.9	48.9	12.7	41.7	500	18.2	59.7	350	43	141	150	63	206.6	100	94	308.3	68
0.125	3.175	0.73	2.4	33.8	110.9	57	47.8	156.8	40	107.6	352.9	18	152.8	501.2	12.4	217.6	713.7	8.5
0.125	3.175	0.73	2.4	33.8	110.9	60	47.8	156.8	42	107.6	352.9	19	152.8	501.2	13	217.6	713.7	9
0.05	1.27	0.95	3.2	34	111.5	35.7	48.3	158.4	25.2	110.4	362.1	11.1	158.6	520.2	7.7	229.1	751.4	5.4
0.05	1.27	0.95	3.2	34	111.5	28.5	48.3	158.4	20	110.4	362.1	8.8	158.6	520.2	6.2	229.1	751.4	4.3
0.05	1.27	0.95	3.2	34	111.5	30.5	48.3	158.4	21.5	110.4	362.1	9.5	158.6	520.2	6.6	229.1	751.4	4.6
0.05	1.27	1.7	5.6	24	78.7	80.5	34.2	112.2	56.6	78.8	285.5	24.7	113.8	373.3	17.2	165.9	544.2	11.9
0.05	1.27	1.7	5.6	24	78.7	62.2	34.2	112.2	43.7	78.8	285.5	19.1	113.8	373.3	13.3	165.9	544.2	9.2
0.05	1.27	1.7	5.6	24	78.7	54.4	34.2	112.2	38.2	78.8	285.5	16.7	113.8	373.3	11.6	165.9	544.2	8
0.05	1.27	1.75	5.8	24	78.7	67.4	34.2	112.2	47.4	78.8	285.5	20.7	113.8	373.3	14.4	165.9	544.2	9.9
0.25	6.35	1.7	5.6	55	181	59.6	79	259	42	178	584	18.6	254	833	13.1	365	1197	9.2
0.125	3.175	1.8	6	22	72.2	124	31.2	102.33	88	70.5	231.2	39	100	328	27	143	469	19
0.125	3.18	3.5	11.5	15.2	49.9	124	21.7	71.2	86.9	50.7	166.3	37.4	74.5	244.4	25.7	110.2	361.5	17.5
0.125	3.18	3.5	11.5	15.2	49.9	95.8	21.7	71.2	67.1	50.7	166.3	28.6	74.5	244.4	19.8	110.2	361.5	13.5
0.05	1.27	6.1	20	13.6	44.6	232	19.5	64	162.4	45.9	150.6	69.8	67.5	221.4	47.9	100.3	329	32.6
0.05	1.27	6.35	20.8	13.6	44.6	173.5	19.5	64	121.5	45.9	150.6	52.2	67.5	221.4	35.8	100.3	329	24.3
0.05	1.27	6.5	21.3	13.6	44.6	190.3	19.5	64	133.2	45.9	150.6	57.2	67.5	221.4	39.3	100.3	329	26.7
0.07	1.78	3.1	10.2	14.6	47.9	140	21	68.9	100	49.3	161.7	40	72	236.2	28	107	351	19
0.125	3.18	6.1	20	31.2	102.3	142.8	44.4	145.3	100.6	101.6	333.2	44.2	146.1	479.2	30.9	211.4	693.4	21.4
0.25	6.35	6.1	20	12.4	40.7	340	17.6	57.7	239	40.1	131.5	105	57.4	188.3	73	82.6	270.9	50
0.25	6.35	6.35	20.8	12.4	40.7	248	17.6	57.7	174	40.1	131.5	76	57.4	188.3	53	82.6	270.9	36
0.25	6.35	6.5	21.3	12.4	40.7	278	17.6	57.7	195	40.1	131.5	86	57.4	188.3	59	82.6	270.9	41
0.25	6.35	3.1	10.2	13	42.6	262.5	19	62.3	185.1	43	141	81.8	62	203.4	57.4	89	291.9	40.1
0.375	9.5	9.4	30.8	8.6	28.2	700	12.2	40	500	28.7	94.2	210	42.1	138.1	144	62.6	205.3	97
0.375	9.5	9.4	30.8	8.6	28.2	511	12.2	40	365	28.7	94.2	153	42.1	138.1	105	62.6	205.3	70.8
0.375	9.5	9.4	30.8	8.6	28.2	560	12.2	40	400	28.7	94.2	168	42.1	138.1	115.2	62.6	205.3	77.6
0.075	1.91	14.3	46.9	7.8	25.6	600.5	11.3	37.1	417.5	27.7	90.9	174.4	41.5	136.1	117.5	63.6	208.6	77.9
0.075	1.91	14.5	47.6	7.8	25.6	436.5	11.3	37.1	303.4	27.7	90.9	126.7	41.5	136.1	85.5	63.6	208.6	56.6
0.075	1.91	14.8	48.5	7.8	25.6	483.5	11.3	37.1	336.2	27.7	90.9	140.4	41.5	136.1	94.6	63.6	208.6	62.7
0.125	3.18	8.15	26.7	8.3	27.2	275	12.2	40	190	30	98.4	78	46.6	152.8	50	71	232.9	34
0.25	6.35	14.3	46.9	17.7	58.1	347	25.3	83	243.6	59	193.5	105.7	85.8	281.4	73.1	126.2	413.9	50.1
0.5	12.7	14.3	46.9	7	23	821	10	32.8	576	23	75.4	249	33.3	109.2	172	48.5	159	117
0.5	12.7	14.5	47.6	7	23	599	10	32.8	420	23	75.4	181	33.3	109.2	125	48.5	159	85
0.5	12.7	14.8	48.5	7	23	656	10	32.8	460	23	75.4	199	33.3	109.2	137	48.5	159	93
0.5	12.7	8.15	26.7	8	26.2	635.8	11	36.1	446.2	25	82	193.4	36	118.1	133.7	52	170.6	91.6
0.375	9.53	45	148	4.6	15.1	1332.1	6.8	22.3	914.6	17.4	57.1	364.4	27	88.6	238.2	41*	134.5*	157*
0.375	9.53	45	148	4.6	15.9	951.6	6.8	22.3	653.1	17.4	57.1	259.9	27	88.6	169.8	41*	134.5*	113*
0.375	9.53	45	148	4.6	15.9	1061.2	6.8	22.3	728.4	17.4	57.1	290	27	88.6	189.5	41*	134.5*	125*
0.375	9.53	45	148	5	16.4	1435	7	23	980	18	59	385	28	91.8	250	42	137.8	165
0.125	3.18	6.1	20	14.5	47.6	232	20.7	67.9	162.4	48.7	159.7	69.8	71.3	233.9	47.9	105.7	346.7	32.6
0.125	3.18	7.3	24	13.3	43.6	199.2	19.1	62.6	139.4	45	147.6	59.7	66	216.5	37.5	98.2	322.1	27.8
0.075	1.91	13.5	44.3	8.4	27.6	549	12.1	39.7	382.2	29.4	96.4	160.6	44.1	144.7	108.6	67.2	220.4	72.4
0.188	4.78	12.5	42	11.2	36.7	380	16.1	52.8	226	38.2	125.3	113.5	56.5	185.3	77.6	84.7	277.8	52.4

CONFORMABLE HANDBENDABLE COAXIAL CABLE

CABLE BUILD UP OF HANDBENDABLE CABLE



A	CENTER CONDUCTOR
B	DIELECTRIC
C	TIN DIPPED COPPER BRAID
D	OPTIONAL JACKET

HANDBENDABLE CABLE PART NUMBERING SYSTEM

.047 SRF - W - P - 50 - (P)

Dielectric

- P : PTFE
- F : FEP
- L : LOW DENSITY PTFE

Impedance

- 25 : 25Ω
- 30 : 30Ω
- 50 : 50Ω
- 75 : 75Ω
- 93 : 93Ω
-

Inner conductor

- C : Silver plated copper(SPC)
- W : Silver plated copperweld(SPCW)

Optional jacket

- P :PVC
- F :FEP
- PE:PE

Cable type:

- SRF : 'Semi-Rigid Flexible' Cable, also referred to as Handbendable cable

Cable size:

- .047: 0.047inch
- .085: 0.085inch
- .141: 0.141inch

50 Ohm Handbendable Coaxial Cable

Part Number	.034SRF-W-P-50	.047SRF-W-P-50	.047SRF-W-P-50-F	.085SRF-W-P-50
DIMENSIONS				
Center Conductor Diameter				
(inch)	0.008±0.0005	0.0113±0.0005	0.0113±0.0005	0.0201±0.0005
(mm)	0.20 ± 0.0127	0.29 ± 0.0127	0.29 ± 0.0127	0.51 ± 0.0127
Dielectric Diameter				
(inch)	0.026±.001	0.037±0.001	0.037±0.001	0.066±0.001
(mm)	0.66 ±0.0254	0.94 ±0.0254	0.94 ±0.0254	1.68 ±0.0254
Outer Conductor Diameter				
(inch)	0.034±0.002	0.047±0.002	0.047±0.002	0.0846±0.002
(mm)	0.86 ±0.0508	1.19 ±0.0508	1.19 ±0.0508	2.15 ±0.0508
Jacket				
(inch)	/	/	0.063	/
(mm)	/	/	1.6	/
MATERIAL SPECIFICATIONS				
Jacket			FEP	
Outer Conductor	Cu/Sn Braided	Cu/Sn Braided	Cu/Sn Braided	Cu/Sn Braided
Dielectric	PTFE	PTFE	PTFE	PTFE
Center Conductor	SPCW	SPCW	SPCW	SPCW
ELECTRICAL CHARACTERISTICS				
Impedance	50±2.5	50±2.5	50±2.5	50±2
Velocity of Propagation	70%	70%	70%	70%
Capacitance (Nominal)				
(pF/ft)	29.0	29.0	29.0	29.0
(pF/m)	95.1	95.1	95.1	95.1
Corona Extinction Voltage				
(VRMS 60Hz)	750	1000	1000	1500
Voltage Withstanding				
(VRMS 60Hz)	2000	2000	2000	5000
Cut off Frequency (GHz)	155	109	109	61
Typical Attenuation	Attenuation		Attenuation	
Average Power (Watts CW) at 40°C	dB/ 100Ft dB/ 100M		dB/ 100Ft dB/ 100M	
Ambient Still Air				
0.5GHz	42	137.8	25	82
1GHz	60	196.8	36	118.1
5GHz	140	459.2	86	282.1
10GHz	/	/	128	419.8
20GHz	/	/	192	629.8
MECHANICAL CHARACTERISTICS				
Max. Operating Temperature (°C)	200	200	200	200
Min. Bend Radius				
(inch)	0.1	0.125	0.125	0.125
(mm)	2.54	3.18	3.18	3.18
Weight				
(g/Ft)	/	1.5	2.3	3.8
(g/M)	/	4.9	6.9	12.5

CABLE

50 Ohm Handbendable Coaxial Cable

Part Number	.085SRF-W-P-50-F			.085SRF-W-P-50-PE			.085SRF-W-P-50-LS*			.141SRF-W-P-50		
DIMENSIONS												
Center Conductor Diameter												
(inch)	0.0201±0.0005			0.0201±0.0005			0.0201±0.0005			0.0359±0.0010		
(mm)	0.51 ± 0.0127			0.51 ± 0.0127			0.51 ± 0.0127			0.91 ± 0.0254		
Dielectric Diameter												
(inch)	0.066±0.001			0.066±0.001			0.066±0.001			0.1189±0.001		
(mm)	1.68 ±0.0254			1.68 ±0.0254			1.68 ±0.0254			3.02 ±0.0254		
Outer Conductor Diameter												
(inch)	0.0846±0.002			0.0846±0.002			0.0846±0.002			0.141±0.002		
(mm)	2.15±0.0508			2.15±0.0508			2.15±0.0508			3.58 ±0.0508		
Jacket												
(inch)	0.1016			0.1			0.1016			/		
(mm)	2.58			2.54			2.58			/		
MATERIAL SPECIFICATIONS												
Jacket	FEP			PE			LSFH			/		
Outer Conductor	Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided		
Dielectric	PTFE			PTFE			PTFE			PTFE		
Center Conductor	SPCW			SPCW			SPCW			SPCW		
ELECTRICAL CHARACTERISTICS												
Impedance	50±2			50±2			50±2			50±2		
Velocity of Propagation	70%			70%			70%			70%		
Capacitance (Nominal)												
(pF/ft)	29.0			29.0			29.0			29.0		
(pF/m)	95.1			95.1			95.1			95.1		
Corona Extinction Voltage												
(VRMS 60Hz)	1500			1500			1500			1900		
Voltage Withstanding												
(VRMS 60Hz)	5000			5000			5000			5000		
Cut off Frequency (GHz)	61			61			61			34		
Typical Attenuation	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts CW) at 40°C	dB/100Ft		dB/100M	dB/100Ft		dB/100M	dB/100Ft		dB/100M	dB/100Ft		dB/100M
Ambient Still Air												
0.5GHz	15	49.2	340	15	49.2	42	15	49.2	200	8	26.2	617
1GHz	22	72.2	210	22	72.2	26	22	72.2	140	12	39.4	377
5GHz	48.7	160	105	48.7	160	13	54	178	55	30.4	99.7	172
10GHz	83	272.2	71	83	272.2	9	83	272.2	40	45	147.6	115
18GHz	126	413.3	49	126	413.3	7	126	413.3	33	65	213.2	79
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature (°C)	200			85			-40/+100			200		
Min. Bend Radius												
(inch)	0.125			0.125			0.125			0.375		
(mm)	3.18			3.18			3.18			9.53		
Weight												
(g/Ft)	4.7			4.7			4.7			12.7		
(g/M)	15.5			15.5			15.5			41.7		

* .085SRF-W-P-50-LS has a low smoke halogen free jacket

50 Ohm Handbendable Coaxial Cable

Part Number	.141SRF-W-P-50-F			.141SRF-W-P-50-PE			.250SRF-C-P-50			.250SRF-C-P-50-F			
DIMENSIONS													
Center Conductor Diameter													
(inch)	0.0359±0.0010			0.0359±0.0010			0.0654±0.0010			0.0654±0.0010			
(mm)	0.91 ± 0.0254			0.91 ± 0.0254			1.66 ± 0.0254			1.66 ± 0.0254			
Dielectric Diameter													
(inch)	0.1189±0.001			0.1189±0.001			0.209±0.002			0.209±0.002			
(mm)	3.02 ±0.0254			3.02 ±0.0254			5.31 ±0.0508			5.31 ±0.0508			
Outer Conductor Diameter													
(inch)	0.141±0.002			0.141±0.002			0.250±0.004			0.250±0.004			
(mm)	3.58 ±0.0508			3.58 ±0.0508			6.35 ±0.1016			6.35 ±0.1016			
Jacket													
(inch)	0.168			0.181			/			2.68±0.4			
(mm)	4.27			4.6			/			6.80±1.0			
MATERIAL SPECIFICATIONS													
Jacket	FEP			PE			/			FEP			
Outer Conductor	Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided			
Dielectric	PTFE			PTFE			PTFE			PTFE			
Center Conductor	SPCW			SPCW			SPC			SPC			
ELECTRICAL CHARACTERISTICS													
Impedance	50±2			50±2			50±2			50±2			
Velocity of Propagation	70%			70%			70%			70%			
Capacitance (Nominal)													
(pF/ft)	29.0			29.0			29.0			29.0			
(pF/m)	95.1			95.1			95.1			95.1			
Corona Extinction Voltage													
(VRMS 60Hz)	1900			1900			3000			3000			
Voltage Withstanding													
(VRMS 60Hz)	5000			5000			7500			7500			
Cut off Frequency (GHz)	34			34			19			19			
Typical Attenuation	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power	
Average Power (Watts CW) at 40°C	dB/	dB/		dB/	dB/		dB/	dB/		dB/	dB/		
Ambient Still Air	100Ft	100M		100Ft	100M		100Ft	100M		100Ft	100M		
0.5GHz	8	26.2	800	8	26.2	130	4.4	14.4	1500	4.4	14.4	1650	
1GHz	12	39.4	490	12	39.4	85	6.7	22	960	6.7	22	1040	
5GHz	30.4	99.7	223	30.4	99.7	40	18	59	415	18	59	450	
10GHz	45	147.6	150	45	147.6	29	30	98.4	290	30	98.4	315	
18GHz	65	213.2	103	65	213.2	20	43	141.04	200	43	141.04	236	
MECHANICAL CHARACTERISTICS													
Max. Operating Temperature (°C)	200			85			200			200			
Min. Bend Radius													
(inch)	0.375			0.375			1.18			1.18			
(mm)	9.53			9.53			30			30			
Weight													
(g/Ft)	15.4			15.4			38.1			51.2			
(g/M)	50.5			50.5			125			168			

75 Ohm Handbendable Coaxial Cable

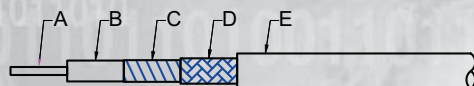
Part Number	.085SRF-W-P-75			.085SRF-W-P-75-F			.141SRF-W-P-75			.141SRF-W-P-75-F		
DIMENSIONS												
Center Conductor Diameter												
(inch)	0.0113±0.0005			0.0113±0.0005			0.0201±0.0005			0.0201±0.0005		
(mm)	0.287 ± 0.0127			0.287 ± 0.0127			0.51 ± 0.0127			0.51 ± 0.0127		
Dielectric Diameter												
(inch)	0.067±.002			0.067±.002			0.1175±0.001			0.1175±0.001		
(mm)	1.7 ±0.05			1.7 ±0.05			2.98 ±0.0254			2.98 ±0.0254		
Outer Conductor Diameter												
(inch)	0.0865±0.002			0.0865±0.002			0.141±0.001			0.141±0.001		
(mm)	2.20 ±0.0508			2.20 ±0.0508			3.58 ±0.0508			3.58 ±0.0254		
Jacket												
(inch)	/			0.105			/			0.168		
(mm)	/			2.67			/			4.27		
MATERIAL SPECIFICATIONS												
Jacket				FEP						FEP		
Outer Conductor	Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided			Cu/Sn Braided		
Dielectric	PTFE			PTFE			PTFE			PTFE		
Center Conductor	SPCW			SPCW			SPCW			SPCW		
ELECTRICAL CHARACTERISTICS												
Impedance	75±2			75±2			75±2			75±2		
Velocity of Propagation	70%			70%			/			/		
Capacitance (Nominal)												
(pF/ft)	19.50			19.50			19.3			19.3		
(pF/m)	63.96			63.96			63.5			63.5		
Corona Extinction Voltage												
(VRMS 60Hz)	1500			1500			2000			2000		
Voltage Withstanding												
(VRMS 60Hz)	5000			5000			5000			5000		
Cut off Frequency (GHz)	64			64			38			38		
Typical Attenuation	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts CW) at 40°C	dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M	
Ambient Still Air												
0.4GHz	13.7	44.9	190	13.7	44.9	206	8.80	28.9	639	8.80	28.9	674
0.8GHz	19.8	64.9	134	19.8	64.9	145	12.5	41	452	12.5	41	476
1.2GHz	25.0	82	110	25.0	82	119	15.2	49.9	369	15.2	49.9	389
1.6GHz	29.3	96.1	95	29.3	96.1	103	17.7	58.1	319	17.7	58.1	337
2.0GHz	32.9	107.9	85	32.9	107.9	92	19.8	64.9	286	19.8	64.9	301
2.4GHz	36.6	120	77	36.6	120	84	21.9	71.8	261	21.9	71.8	275
2.8GHz	39.9	130.9	72	39.9	130.9	78	23.8	78.1	241	23.8	78.1	255
3.2GHz	43.3	142	67	43.3	142	73	25.3	83	226	25.3	83	238
3.6GHz	46.3	151.9	63	46.3	151.9	69	26.8	87.9	213	26.8	87.9	225
4.0GHz	49.1	161	60	49.1	161	65	28.3	92.8	202	28.3	92.8	213
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature Range(°C)	200			200			200			200		
Min. Bend Radius												
(inch)	0.125			0.125			0.375			0.375		
(mm)	3.18			3.18			9.53			9.53		
Weight												
(g/Ft)	3.8			4.7			12.7			15.4		
(g/M)	12.47			15.42			41.66			50.52		

JBY LOW LOSS COAXIAL CABLE(6GHz)

JBY cable can be used in many applications such as GPS,WLL,WLAN,Mobile antenna's,etc.

Part Number	JBY59*			JBY100			JBY179			JBY195			
DIMENSIONS													
Center Conductor Diameter (inch) (mm)	0.032 0.8			0.019 0.48			0.0122 0.31			0.037 0.95			
Dielectric Diameter (inch) (mm)	0.146 3.7			0.06 1.52			0.056 1.42			0.113 2.87			
Outer Conductor Diameter (inch) (mm)	0.15 3.8			0.064 1.63			0.06 1.53			0.117 2.98			
Diameter over Overall Braid (inch) (mm)	0.165 4.2			0.083 2.1			0.079 2			0.135 3.44			
Jacket Diameter (inch) (mm)	0.24 6.1			0.11 2.79			0.1 2.54			0.195 4.95			
MATERIAL SPECIFICATIONS													
Jacket	Black PVC			Black PVC			Black PVC			Black Polyethylene			
Overall Braid	Bare Copper			Tinned Copper			Tinned Copper			Tinned Copper			
Outer Conductor	Aliminium Tape			Aliminium Tape			Aliminium Tape			Aliminium Tape			
Dielectic	Foamed Polyethylene			Solid Polyethylene			Foamed Polyethylene			Foamed Polyethylene			
Center Conductor	Bare Coppپر			Bare Coppپر			Bare Coppپر			Bare Coppپر			
ELECTRICAL CHARACTERISTICS													
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	10.1 33.1			26.8 88			108 354.24			7.6 24.94			
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	3.89 12.76			14.5 47.57			8.9 29.19			4.9 16.08			
Impedance(Ohm)	75±2			50±2			75±2			50±2			
Capacitance (Nominal) (pF/ft) (pF/m)	16.1 52.9			25.3 83			17.4 57.07			3.18 80.7			
Inductance (uH/ft) (uH/m)	0.091 0.3			0.077 0.25			0.106 0.35			0.064 0.21			
Velocity of propagation (%)	84			66			77			80			
Dielectric strength	DC1500V			DC500V			DC300V			DC1000V			
Peak power rating	5.6kW			0.6kW			0.6kW			2.5KW			
Cutt off frequency (GHz)	/			90GHz			/			41			
Shielding effectiveness	>90dB			>90dB			>90dB			>90dB			
Typical Attenuation Average Power (Watts)	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power	
	dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		
	30MHz	1.3	4.3	1410	3.93	12.9	230	4.7	15.4	115	1.98	6.5	850
	50MHz	1.6	5.2	1090	5.09	16.7	180	5.4	17.7	90	2.56	8.4	660
	150MHz	2.9	9.51	620	8.96	29.4	100	8.23	27	50	4.45	14.6	380
	220MHz	3.5	11.5	510	10.91	35.8	83	9.9	32.5	40	5.40	17.7	310
	450MHz	5	16.4	350	15.82	51.9	57	13.9	45.6	30	7.77	25.5	210
	900MHz	7.2	23.6	250	22.84	74.9	39	20.1	65.9	25	11.13	36.5	150
	1500MHz	9.4	30.8	190	30.09	98.7	29	26.3	86.3	20	14.54	47.7	120
	1800MHz	10.3	33.8	170	33.23	109	27	29	95.1	15	16.01	52.5	110
	2000MHz	10.9	35.8	160	35.21	115.5	25	30.8	101	10	16.89	55.4	100
	2500MHz	12.3	40.3	140	39.82	130.6	22	35	114.8	5	19.02	62.4	90
	4500MHZ	16.4	53.8	/	/	/	/	47.5	155.8	4	/	/	/
	5800MHZ	/	/	/	64.12	210.3	13	/	/	/	30.49	100	60
MECHANICAL CHARACTERISTICS													
Max. Operating Temperature (°C)	-40 to +60			-20 to +60			-20 to +60			-40 to +80			
Min. Bend Radius (inch) (mm)	0.75 19.1			0.25 6.4			0.25 6.4			1 25.4			
Weight (g/Ft) (g/M)	16 52.5			4.6 15.1			3.8 12.5			12 39.4			

*A version with white jacket is available, JYEBao p/n is JBY59-W.



A	CENTER CONDUCTOR
B	SOLID OR FOAMED POLYETHYLENE (DIELECTRIC)
C	ALUMINIUM TAPE (OUTER CONDUCTOR)
D	BARE OR TINNED COPPER (OVERALL BRAID)
E	JACKET

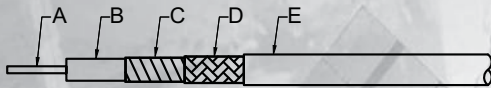
Part Number	JBY195-LSFH*	JBY200	JBY240	JBY300									
DIMENSIONS													
Center Conductor Diameter (inch) (mm)	0.037 0.95	0.044 1.13	0.056 1.42	0.070 1.78									
Dielectric Diameter (inch) (mm)	0.113 2.87	0.116 2.95	0.15 3.81	0.190 4.83									
Outer Conductor Diameter (inch) (mm)	0.117 2.98	0.12 3.06	0.154 3.91	0.196 4.98									
Diameter over Overall Braid (inch) (mm)	0.129 3.28	0.139 3.53	0.177 4.5	0.225 5.72									
Jacket Diameter (inch) (mm)	0.193 4.9	0.195 4.95	0.24 6.1	0.300 7.62									
MATERIAL SPECIFICATIONS		Black Polyethylene											
Jacket	LSFH												
Overall Braid		Tinned Copper											
Outer Conductor		Aliminium Tape											
Dielectic		Foamed Polyethylene											
Center Conductor		Bare Coppber											
ELECTRICAL CHARACTERISTICS													
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	7.6 24.94	5.37 17.6	3.2 10.5	2.12 6.96									
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	4.9 16.08	4.9 16.1	3.89 12.76	2.21 7.25									
Impedance(Ohm)	50±2	50±2	50±2	50±2									
Capacitance (Nominal) (pF/ft) (pF/m)	3.18 80.7	24.5 80.4	24.2 79.4	23.9 78.4									
Inductance (uH/ft) (uH/m)	0.064 0.21	0.06 0.2	0.06 0.2	0.06 0.2									
Velocity of propagation (%)	80	83	84	85									
Dielectric strength	DC1000V	DC1000V	DC1500V	DC2000V									
Peak power rating	2.5KW	2.5KW	5.6KW	10KW									
Cutt off frequency (GHz)	41	39	31	24.5									
Shielding effectiveness	>90dB	>90dB	>90dB	>90dB									
Typical Attenuation Average Power (Watts)	Attenuation dB/ 100Ft	Power dB/ 100M	Attenuation dB/ 100Ft	Power dB/ 100M	Attenuation dB/ 100Ft	Power dB/ 100M	Attenuation dB/ 100Ft	Power dB/ 100M	Attenuation dB/ 100Ft	Power dB/ 100M			
	30MHz	1.98	6.5	850	1.89	6.2	1020	1.40	4.6	1490	1.1	3.6	2100
	50MHz	2.56	8.4	660	2.38	7.8	790	1.80	5.9	1150	1.4	4.6	1600
	150MHz	4.45	14.6	380	4.15	13.6	450	3.11	10.2	660	2.4	7.9	920
	220MHz	5.40	17.7	310	5.03	16.5	370	3.81	12.5	540	2.9	9.5	760
	450MHz	7.77	25.5	210	7.10	23.3	260	5.43	17.8	380	4.2	13.8	520
	900MHz	11.13	36.5	150	10.27	33.7	180	7.77	25.5	260	6.1	20	360
	1500MHz	14.54	47.7	120	13.48	44.2	140	10.30	33.8	200	7.9	26	280
	1800MHz	16.01	52.5	110	14.76	48.4	130	11.52	37.8	180	8.7	28.5	250
	2000MHz	16.89	55.4	100	15.64	51.3	120	12.20	40	170	9.2	30.2	240
	2500MHz	19.02	62.4	90	17.68	58	100	13.90	45.6	150	10.4	34.1	210
	5800MHZ	30.49	100	60	29.57	97	70	21.65	71	100	16.6	54.4	130
MECHANICAL CHARACTERISTICS													
Max. Operating Temperature (°C)	-40 to +80		-40 to +80		-40 to +80		-40 to +80						
Min. Bend Radius (inch) (mm)	1 25.4		1 25.4		1.5 38		0.88 22.2						
Weight (g/Ft) (g/M)	12 39.4		12 39.4		16 52.5		24.4 80						

*LOW SMOKE HALOGEN FREE COAXIAL CABLE.

Part Number	JBY400			JBY400-75			JBY500			JBY600		
DIMENSIONS												
Center Conductor Diameter (inch) (mm)	0.108 2.74			0.064 1.63			0.142 3.61			0.176 4.47		
Dielectric Diameter (inch) (mm)	0.285 7.25			0.285 7.24			0.37 9.4			0.455 11.56		
Outer Conductor Diameter (inch) (mm)	0.291 7.39			0.291 7.39			0.376 9.55			0.461 11.71		
Diameter over Overall Braid (inch) (mm)	0.32 8.13			0.32 8.13			0.405 10.29			0.49 12.45		
Jacket Diameter (inch) (mm)	0.405 10.29			0.405 10.29			0.5 12.7			0.59 14.99		
MATERIAL SPECIFICATIONS												
Jacket	Black Polyethylene											
Overall Braid	Tinned Copper											
Outer Conductor	Aluminium Tape											
Dielectric	Foamed Polyethylene											
Center Conductor	Copper clad aluminium			Bare Copper			Copper clad aluminium					
ELECTRICAL CHARACTERISTICS												
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	1.37 4.5			2.5 8.2			0.82 2.69			0.54 1.77		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	1.65 5.41			1.65 5.41			1.27 4.17			1.2 3.94		
Impedance(Ohm)	50±2			75			50±2			50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	23.9 78.4			15.9 52.2			23.6 77.4			23.4 76.8		
Inductance (uH/ft) (uH/m)	0.06 0.2			0.09 0.29			0.059 0.19			0.058 0.19		
Velocity of propagation (%)	86			86			86			87		
Dielectric strength	DC2500V			DC2000V			DC3000V			DC4000V		
Peak power rating	16KW			10KW			22KW			40KW		
Cutt off frequency (GHz)	16.2			2.5			12.6			10.3		
Shielding effectiveness	>90dB			>90dB			>90dB			>90dB		
Typical Attenuation Average Power (Watts)	Attenuation dB/ 100Ft	dB/ 100M	Power	Attenuation dB/ 100Ft	dB/ 100M	Power	Attenuation dB/ 100Ft	dB/ 100M	Power	Attenuation dB/ 100Ft	dB/ 100M	Power
30MHz	0.71	2.3	3300	0.64	2.1	2990	0.61	2	4400	0.46	1.5	5500
50MHz	0.95	3.1	2600	0.83	2.7	2300	0.73	2.4	3400	0.61	2	4200
150MHz	1.62	5.3	1500	1.5	4.9	1300	1.31	4.3	1900	1.07	3.5	2400
220MHz	1.95	6.4	1200	1.8	5.9	1080	1.55	5.1	1600	1.37	4.5	2000
450MHz	2.87	9.4	830	2.6	8.5	740	2.23	7.3	1090	1.89	6.2	1350
900MHz	4.15	13.6	580	3.7	12.1	520	3.48	11.4	750	2.80	9.2	930
1500MHz	5.43	17.8	440	4.9	16.1	390	4.42	14.5	570	3.75	12.3	700
1800MHz	6.04	19.8	400	5.4	17.7	350	5.03	16.5	520	4.18	13.7	630
2000MHz	6.34	20.8	370	5.7	18.7	330	5.18	17	490	3.90	12.8	590
2500MHz	7.17	23.5	330	6.4	21.1	300	5.95	19.5	430	5.03	16.5	520
5800MHz	11.74	38.5	210	/	/	/	10.06	33	260	8.54	28	320
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature (°C)	-40 to +80			-40 to +80			-40 to +80			-40 to +80		
Min. Bend Radius (inch) (mm)	2 50			2 50			2.5 64			3 76.2		
Weight (g/Ft) (g/M)	38 125			38 125			59 194			61 201		

LOW LOSS COAXIAL CABLES

5002 & 5003 Cable Build Up



A	SOLID SILVER PLATED COPPER CLAD STEEL (CENTER CONDUCTOR)
B	SOLID PTFE (DIELECTRIC)
C	FLAT SILVER PLATED COPPER STRIP (INNER BRAID)
D	ROUND SILVER PLATED COPPER (OUTER BRAID)
E	JACKET

Part Number		5002			5003			
DIMENSIONS								
Center Conductor Diameter (inch) (mm)		0.0201 ±0.001 0.51 ± 0.0254			0.037 ±0.001 0.94 ± 0.0254			
Dielectric Diameter (inch) (mm)		0.064 ±0.005 1.63 ±0.127			0.117 ±0.005 2.97 ±0.127			
Inner Braid Diameter (inch) (mm)		0.071 ±0.005 1.8 ±0.127			0.128 ±0.005 3.25 ±0.127			
Diameter over Outer Braid (inch) (mm)		0.086 ±0.005 2.18 ±0.127			0.141 ±0.005 3.58±0.127			
Jacket Diameter (inch) (mm)		0.104 ±0.005 2.64 ±0.127			0.163 ±0.005 4.14 ±0.127			
MATERIAL SPECIFICATIONS								
Jacket		FEP						
Outer Braid		Round silver plated copper						
Inner Braid		Flat silver plated copper strip						
Dielectric		Solid PTFE						
Center Conductor		SPCW			SPC			
ELECTRICAL CHARACTERISTICS								
Impedance(Ohm)		50±2			50±2			
Capacitance (Nominal) (pF/ft) (pF/m)		29.4 96.4			29.4 96.4			
Velocity of Propagation (%)		70			70			
Cutt Off Frequency (GHz)		63			40			
Shielding Effectiveness		> -110dB			> -110dB			
Max. Attenuation Max Power (Watts)		Attenuation		Power	Attenuation		Power	
		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		
400MHz		14	45.9	240	8	26.24	1100	
1GHz		23	75.4	160	13	42.6	550	
3GHz		39	127.9	80	23	75.4	350	
5GHz		52	170.6	57	30	98.4	245	
10GHz		80	262.4	44	45	147.6	140	
18GHz		110	360.8	33	64	209.9	87	
25GHz		131	429.7	29	78	255.8	75	
30GHz		146	478.9	26	87	285.4	68	
35GHz		160	524.8	23	96	314.9	61	
40GHz		173	567.4	22	104	341.1	56	
45GHz		183	600.2	20	\	\	\	
50GHz		195	639.6	18	\	\	\	
Max Phase Stability vs. Flexure*	10 GHz	2°			2°			
	18 GHz	6°			4°			
	30 GHz	8°			6°			
	40 GHz	10°			12°			
MECHANICAL CHARACTERISTICS								
Max. Operating Temperature (°C)		-55/+200			-55/+200			
Min. Bend Radius (inch) (mm)		0.25 6.35			0.8 20.32			
Weight (g/Ft) (g/M)		6 19.7			13.5 44.3			

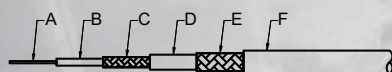
* Cable wrapped around a 5cm diameter mandrel

LOW LOSS CABLES 5004 ; 5005 ; 5006 & 5007

Part Number	5004			5005			5006			5007		
DIMENSIONS												
Center Conductor Diameter (inch) (mm)	0.0403 ±0.001 1.0236 ± 0.0254			0.051 ±0.001 1.3 ± 0.0254			0.089 ±0.001 2.26 ± 0.0254			0.057 ±0.001 1.45 ± 0.0254		
Dielectric Diameter (inch) (mm)	0.110 ±0.005 2.794 ±0.127			0.145 ±0.005 3.68 ±0.127			0.25 ±0.005 6.35 ±0.127			0.16 ±0.005 4.06 ±0.127		
Inner Braid Diameter (inch) (mm)	0.116 ±0.005 2.946 ±0.127			0.152 ±0.005 3.86 ±0.127			0.258 ±0.005 6.55 ±0.127			0.17 ±0.005 4.32 ±0.127		
Diameter over Interlayer (inch) (mm)	.122 ±0.005 3.099 ±0.127			0.158 ±0.005 4.01 ±0.127			0.264 ±0.005 6.71 ±0.127			0.175 ±0.005 4.45 ±0.127		
Diameter over Outer Braid (inch) (mm)	0.140 ±0.005 3.556±0.127			0.174 ±0.005 4.42 ±0.127			0.284 ±0.005 7.21 ±0.127			0.191 ±0.005 4.85 ±0.127		
Jacket Diameter (inch) (mm)	0.16 ±0.005 4.064 ±0.127			0.195 ±0.005 4.95 ±0.127			0.335 ±0.005 8.51 ±0.127			0.235 ±0.005 5.97 ±0.127		
MATERIAL SPECIFICATIONS	FEP											
Jacket	Round silver plated copper											
Outer Braid	Aliminium polyester											
Interlayer	Flat silver plated copper strip											
Inner Braid	Expanded PTFE											
Dielectric	Solid silver plated copper											
Center Conductor												
ELECTRICAL CHARACTERISTICS												
Impedance(Ohm)	50±2			50±2			50±2			50±2		
Capacitance (Nominal)												
(pF/ft)	24			25			25			25		
(pF/m)	79			82			82			82		
Velocity of Propagation (%)	84			80			80			80		
Cutt Off Frequency (GHz)	42			32.9			18			23		
Shielding Effectiveness	> -90dB			> -90dB			> -90dB			> -90dB		
Max. Attenuation	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Max Power (Watts)	dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M	
400MHz	7.1	23.3	960	6.5	21.3	1200	3.5	11.4	2900	5	16.4	1500
1GHz	11.2	36.7	500	10	32.8	720	5.5	18	1800	8	26.2	900
3GHz	19.6	64.3	300	17	55.8	400	9.5	31.2	1050	14	45.9	540
5GHz	25.7	84.3	220	21	68.9	310	12.5	41	850	18	59	410
10GHz	36.9	121	120	30	98.4	220	19	62.3	600	27	88.6	300
18GHz	50.4	165.3	77	40	131.2	130	26	85.3	300	37	121.4	/
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature (°C)	-55/+200			-55/+200			-55/+200			-55/+200		
Min. Bend Radius												
(inch)	0.8			1			1.7			1.2		
(mm)	20.32			25.4			43.2			30.5		
Weight												
(g/Ft)	12.5			18			44			23		
(g/M)	41			59			145			76		

CABLE

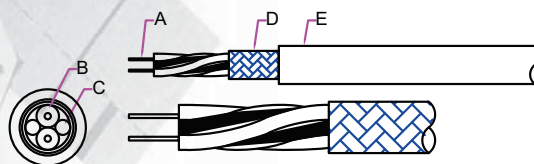
TRIAX COAXIAL CABLE



A	TIN PLATED COPPER (CENTER CONDUCTOR)
B	POLYETHYLENE (DIELECTRIC)
C	TIN PLATED COPPER (INNER BRAID)
D	PVC (INNER JACKET)
E	TIN PLATED COPPER (OUTER BRAID)
F	PVC JACKET

Part Number	TRIAX-5001	
DIMENSIONS		
Center Conductor Diameter (inch) (mm)	0.015 ±0.001 0.38 ± 0.0254	
Dielectric Diameter (inch) (mm)	0.047 ±0.005 1.19 ±0.127	
Inner Braid Diameter (inch) (mm)	0.069 ±0.005 1.75 ±0.127	
Diameter over PVC Inner Jacket (inch) (mm)	0.101 ±0.005 2.57 ±0.127	
Diameter over Outer Braid (inch) (mm)	0.121 ±0.005 3.07±0.127	
Jacket Diameter (inch) (mm)	0.156 ±0.005 3.96 ±0.127	
MATERIAL SPECIFICATIONS		
Jacket	PVC	
Outer Braid	Tin plated copper	
Inner Jacket	PVC	
Inner Braid	Tin Plated copper	
Dielectric	Polyethylene	
Center Conductor	Tin plated copper	
ELECTRICAL CHARACTERISTICS		
Impedance(Ohm)	50±2	
Capacitance (Nominal) (pF/ft) (pF/m)	29.5 96.7	
Max Opr. VDC	2KV	
Max Opr. Vac. (RMS)	1KV	
Shield Coverage (%)	93	
Attenuation	db/100Ft	dB/100M
1 Mhz	2.8	9.2
3MHz	3.1	10.2
4 Mhz	3.3	10.8
5 Mhz	3.4	11.2
7MHz	3.7	12.1
10 MHz	4.1	13.4
20 MHz	5.5	18
30 MHz	7	23
40 MHz	7.5	24.6
50 MHz	9.1	29.8
100 MHz	14	45.9
200 MHz	22	72.2
500 MHz	40	131.2
700 MHz	50	164
1 GHz	63	206.6
MECHANICAL CHARACTERISTICS		
Max. Operating Temperature (°C)	-20/+60	
Min. Bend Radius (inch) (mm)	0.75 19	
Weight (g/Ft) (g/M)	7.5 25	

TWINAX COAXIAL CABLE

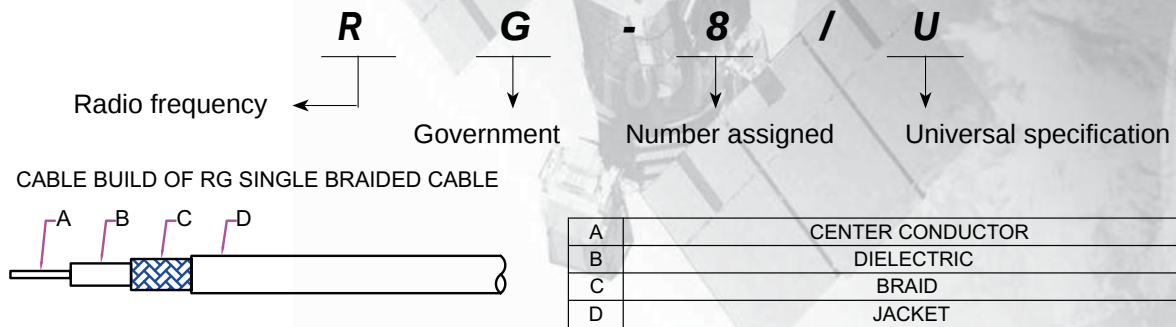


A	TIN PLATED COPPER (CENTER CONDUCTORx2)
B	POLYETHYLENE (DIELECTRICx2)
C	COTTON FILLER
D	TIN PLATED COPPER (OUTER BRAID)
E	PVC JACKET

Part Number	TWINAX-5001
DIMENSIONS Center Conductor: stranded	16*24
Dielectric Diameter (one black & one red) (inch) (mm)	0.071 1.8
Diameter over Outer Braid (inch) (mm)	0.177 4.5
Jacket Diameter (inch) (mm)	0.24 6.1
MATERIAL SPECIFICATIONS Jacket	PVC
Outer Braid	Tin Plated Copper
Inner Braid	Cotton Braid
Dielectric Center Conductor (two)	Polyethylene
Center Conductor (two)	Tin Plated Copper
ELECTRICAL CHARACTERISTICS Capacitance Between Conductors (pF/ft) (pF/m)	18 59
Capacitance between one conductor and other conductors connected to shield (pF/ft) (pF/m)	32 105
Maximum Working Voltage	1000
Shield Coverage (%)	85
MECHANICAL CHARACTERISTICS Max. Operating Temperature (°C)	-40/+80
Min. Bend Radius (inch) (mm)	1.378 35
Weight (g/Ft) (g/M)	15.24 50

RG TYPE RF COAXIAL CABLES

NUMBERING SYSTEM



Part Number	RG6			RG11			RG58A/U			RG58C/U		
DIMENSIONS												
Center Conductor Diameter	0.0285 0.73			0.0477 1.2			0.0355 0.85			0.0355 0.85		
(inch)												
(mm)												
Dielectric Diameter	0.185 4.7			0.285 7.24			0.116 2.95			0.116 2.95		
(inch)												
(mm)												
Braid Diameter	0.24 6.2			0.32 8.2			0.139 3.53			0.139 3.53		
(inch)												
(mm)												
Jacket	0.33 8.5			0.405 10.3			0.195 4.95			0.195 4.95		
(inch)												
(mm)												
MATERIAL SPECIFICATIONS												
Jacket	PVC			PVC			PVC			PVC		
Braid	SPC (inner) & Bare Copper (outer)			Bare Copper (Single Braid)			TPC (Single Braid)			TPC (Single Braid)		
Dielectric	PE			PE			PE			PE		
Center Conductor	Copper Covered Steel			Tinned Copper			19/0072 TPC			19/0072 TPC		
ELECTRICAL CHARACTERISTICS												
Impedance	75ohm			75ohm			50ohm			50ohm		
Capacitance (Nominal)	20.43 67			20.43 67			29 95.1			29 95.1		
(pF/ft)												
(pF/m)												
Velocity of Propagation (%)	65.9			65.9			65.9			65.9		
Maximum Working Voltage	2700			4000			1400			1400		
Max. Cond. Resistance	4.4 14.43			1.48 4.85			1.24 4.06			1.24 4.06		
(Ohms/100Ft)												
(Ohms/100m)												
Corona Extinction Voltage	2.7			5			1.9			1.9		
(KV RMS)												
Min. Dielectric Strength	7			10			5			5		
(KV RMS)												
Typical Attenuation At 20°C	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts At 20°C)	dB/	dB/		dB/	dB/		dB/	dB/		dB/		
	100Ft	100M		100Ft	100M		100Ft	100M		100Ft	100M	
100MHz	2.8	9.2	310	2.2	7.2	1000	4.9	16.1	400	4.9	16.1	400
400MHz	6.1	20	150	5.2	17.1	500	10.4	34.1	200	10.4	34.1	200
1GHz	10.7	35.1	90	9	29.5	300	17.7	58	120	17.7	58	120
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature (°C)	-40/+80			-40/+80			-40/+80			-40/+80		
Min. Bend Radius	1.65 42			2 50.8			1 25.4			1 25.4		
(inch)												
(mm)												
Weight	13 43			26 86			11.5 38			11.5 38		
(g/Ft)												
(g/M)												

CABLE

CABLE BUILD UP OF RG DOUBLE BRAID CABLE



A	CENTER CONDUCTOR
B	DIELECTRIC
C	INNER BRAID
D	OUTER BRAID
E	JACKET

Part Number	RG59B/U			RG142			RG174			RG178		
DIMENSIONS												
Center Conductor Diameter	0.0226 0.58			0.037 0.94			0.0189 0.48			0.012 0.3		
(inch)												
(mm)												
Dielectric Diameter	0.146 3.71			0.116 2.95			0.06 1.52			0.033 0.838		
(inch)												
(mm)												
Braid Diameter	0.174 4.42			0.162 4.11			0.078 1.98			0.051 1.3		
(inch)												
(mm)												
Jacket	0.242 6.15			0.195 4.95			0.11 2.79			0.071 1.8		
(inch)												
(mm)												
MATERIAL SPECIFICATIONS												
Jacket	PVC			FEP			PVC			FEP		
Braid	CW			SPC (double braid)			TPC (Single Braid)			SPC (Single Braid)		
Dielectric	PE			PTFE			PE			PTFE		
Center Conductor	CW Bare Copper			Solid SPCW			7/0063 CW Wire			7/38 SPCW		
ELECTRICAL CHARACTERISTICS												
Impedance	75ohm			50ohm			50ohm			50ohm		
Capacitance (Nominal)	19.5 64			32 105			30.5 100			32 105		
(pF/ft)												
(pF/m)												
Velocity of Propagation(%)	65.9			65.9			65.9			69.5		
Maximum Working Voltage	1700			1400			1100			750		
Max. Cond. Resistance	4.8 15.74			1.95 6.4			9.67 31.72			24.5 80.2		
(Ohms/100Ft)												
(Ohms/100m)												
Corona Extinction Voltage	2.3			1.9			1.5			1		
(KV RMS)												
Min. Dielectric Strength	7			5			2			2		
(KV RMS)												
Typical Attenuation At 20°C	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts At 20°C)	dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M	
100MHz	4	13	500	4.6	15	1400	8.6	28	140	16	52.5	190
400MHz	8	26.2	250	9.2	30	650	17.7	58	65	33	108.2	90
1GHz	14	45.9	150	15	49.2	400	29	95	40	52	170.6	55
2.4GHz	22	72.2	80	24.3	80	250	48.7	160	28	82.3	269.9	35
5GHz	34	111.5	52	36.6	120	180	70.1	230	18	109.7	360	26
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature	-40/+80			-55/+200			-40/+80			-55/+200		
(°C)												
Min. Bend Radius	1 25.4			1 25.4			0.48 12.2			0.4 10.2		
(inch)												
(mm)												
Weight	16 53			19 63			3.5 11.5			2.5 8.2		
(g/Ft)												
(g/M)												



Part Number	RG178-FEP			RG179			RG179-FEP			RG188			
DIMENSIONS													
Center Conductor Diameter													
(inch)	0.012			0.012			0.012			0.02			
(mm)	0.3			0.3			0.3			0.51			
Dielectric Diameter													
(inch)	0.033			0.063			0.063			0.06			
(mm)	0.838			1.6			1.6			1.52			
Braid Diameter													
(inch)	0.051			0.081			0.081			0.078			
(mm)	1.3			2.06			2.06			1.98			
Jacket													
(inch)	0.071			0.1			0.1			0.1			
(mm)	1.8			2.54			2.54			2.54			
MATERIAL SPECIFICATIONS													
Jacket	FEP			FEP			FEP			Taped PTFE			
Braid	SPC (Single Braid)			SPC (Single Braid)			SPC (Single Braid)			SPC (Single Braid)			
Dielectric	FEP			PTFE			FEP			PTFE			
Center Conductor	7/38 SPC			7/38 SPCW			7/38 SPC			7/0067 SPCW			
ELECTRICAL CHARACTERISTICS													
Impedance	50ohm			75ohm			75ohm			50ohm			
Capacitance (Nominal)													
(pF/ft)	32			23			23			29.5			
(pF/m)	105			75.4			75.4			96.8			
Velocity of Propagation(%)	69.5			65.9			65.9			69.5			
Maximum Working Voltage	750			900			900			900			
Max. Cond. Resistance													
(Ohms/100Ft)	24.5			24.5			24.5			8.41			
(Ohms/100m)	80.2			80.2			80.2			27.6			
Corona Extinction Voltage (KV RMS)	1			1.2			1.2			1.2			
Min. Dielectric Strength (KV RMS)	2			2			2			2			
Typical Attenuation At 20°C Average Power (Watts At 20°C) 100MHz 400MHz 1GHZ 2.4GHz	Attenuation dB/ 100Ft		Power	Attenuation dB/ 100Ft		Power	Attenuation dB/ 100Ft		Power	Attenuation dB/ 100Ft		Power	
	16	52.5	190	9.2	30.2	380	9.2	30.2	380	8.5	28	430	
	33	108.2	90	21	68.9	180	21	68.9	180	18.3	60	210	
	52	170.6	55	30.7	100.7	110	30.7	100.7	110	30.5	100	140	
	82.3	269.9	35	70.1	230	70	70.1	230	70	48.8	160	80	
MECHANICAL CHARACTERISTICS													
Max. Operating Temperature (°C)	-55/+200			-55/+200			-55/+200			-55/+200			
Min. Bend Radius													
(inch)	0.4			0.4			0.4			0.5			
(mm)	10.2			10.16			10.16			12.7			
Weight													
(g/Ft)	2.5			4.5			4.5			4			
(g/M)	8.2			15			15			13.1			



Part Number	RG213			RG214			RG223			RG303		
DIMENSIONS												
Center Conductor Diameter												
(inch)	0.089			0.089			0.035			0.037		
(mm)	2.25			2.25			0.89			0.94		
Dielectric Diameter												
(inch)	0.285			0.285			0.116			0.116		
(mm)	7.24			7.24			2.95			2.95		
Braid Diameter												
(inch)	0.32			0.34			0.162			0.138		
(mm)	8.2			8.64			4.11			3.51		
Jacket												
(inch)	0.405			0.425			0.212			0.17		
(mm)	10.3			10.8			5.38			4.32		
MATERIAL SPECIFICATIONS												
Jacket	PVC			PVC			PVC			FEP		
Braid	Bare Copper (Single Braid)			SPC (Double Braid)			SPC (Double Braid)			SPC (Single Braid)		
Dielectric	PE			PE			PE			PTFE		
Center Conductor	Bare Copper			7/0296 SPC			SPC			Solid SPCW		
ELECTRICAL CHARACTERISTICS												
Impedance	50ohm			50ohm			50ohm			50ohm		
Capacitance (Nominal)												
(pF/ft)	30.79			30.5			30.5			32		
(pF/m)	101			100			100			105		
Velocity of Propagation(%)	65.9			65.9			65.9			69.5		
Maximum Working Voltage	3700			3700			1400			1400		
Max. Cond. Resistance												
(Ohms/100Ft)	0.176			0.173			0.897			1.796		
(Ohms/100m)	0.58			0.57			2.97			5.89		
Corona Extinction Voltage												
(KV RMS)	5			5			1.9			1.9		
Min. Dielectric Strength												
(KV RMS)	10			10			5			5		
Typical Attenuation At 20°C	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts At 20°C)	dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M		dB/ 100Ft	dB/ 100M	
100MHz	1.9	6.1	1700	1.9	6.1	1700	4.6	15	400	4.6	15	1400
400MHz	4.3	14	700	4.3	14	700	9.2	30	200	9.2	30	650
1GHZ	7.9	26	400	7.9	26	400	15	49.2	120	15	49.2	400
3GHz	15.2	50	180	15.2	50	180	28.3	93	60	27.4	90	210
MECHANICAL CHARACTERISTICS												
Max. Operating Temperature (°C)	-40/+80			-40/+80			-40/+80			-55/+200		
Min. Bend Radius												
(inch)	2			2			1			0.9		
(mm)	50.8			50.8			25.4			22.86		
Weight												
(g/Ft)	41.5			56.5			16			13.5		
(g/M)	137			186			53			45		

CABLE

Part Number	RG316			RG316-FEP			RD316			RD316-FEP			RG400		
DIMENSIONS															
Center Conductor Diameter															
(inch)	0.02			0.02			0.02			0.02			0.038		
(mm)	0.51			0.51			0.51			0.51			0.97		
Dielectric Diameter															
(inch)	0.06			0.06			0.06			0.06			0.116		
(mm)	1.52			1.52			1.52			1.52			2.95		
Braid Diameter															
(inch)	0.078			0.078			0.096			0.096			0.162		
(mm)	1.98			1.98			2.44			2.44			4.11		
Jacket															
(inch)	0.098			0.098			0.114			0.114			0.195		
(mm)	2.49			2.49			2.9			2.9			4.95		
MATERIAL SPECIFICATIONS															
Jacket	FEP			FEP			FEP			FEP			FEP		
Braid	SPC (Single Braid)			SPC (Single Braid)			SPC (Double Braid)			SPC (Double Braid)			SPC (Double Braid)		
Dielectric	PTFE			FEP			PTFE			FEP			PTFE		
Center Conductor	7/0067 SPCW			7/0067 SPC			7/0067 SPCW			7/0067 SPC			19/32 SPC		
ELECTRICAL CHARACTERISTICS															
Impedance	50 Ohm			50 Ohm			50 Ohm			50 Ohm			50ohm		
Capacitance (Nominal)															
(pF/ft)	32			32			32			32			32		
(pF/m)	105			105			105			105			105		
Velocity of Propagation(%)	69.5			69.5			69.5			69.5			69.5		
Maximum Working Voltage	900			900			1100			1100			1400		
Max. Cond. Resistance															
(Ohms/100Ft)	8.41			8.41			8.41			8.41			0.91		
(Ohms/100m)	27.6			27.6			27.6			27.6			2.98		
Corona Extinction Voltage															
(KV RMS)	1.2			1.2			1.2			1.2			1.9		
Min. Dielectric Strength															
(KV RMS)	2			2			2			2			3		
Typical Attenuation At 20°C	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power	Attenuation		Power
Average Power (Watts At 20°C)	dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M		dB/100Ft	dB/100M	
100MHZ	8.5	28	430	8.5	28	430	8.5	28	430	8.5	28	430	4.5	14.8	1400
400MHZ	18.3	60	210	18.3	60	210	18.3	60	210	18.3	60	210	9.2	30	650
1GHZ	30.5	100	140	30.5	100	140	30.5	100	140	30.5	100	140	15.3	50	400
2.4GHZ	48.8	160	80	48.8	160	80	48.8	160	80	48.8	160	80	24.3	80	250
5GHz	67	220	55	67	220	55	67	220	55	67	220	55	36.6	120	180
10GHz	/	/	/	/	/	/	/	/	/	/	/	/	78	255.8	90
MECHANICAL CHARACTERISTICS															
Max. Operating Temperature (°C)	-55/+200			-55/+200			-55/+200			-55/+200			-55/+200		
Min. Bend Radius															
(inch)	0.5			0.5			0.6			0.6			1		
(mm)	12.7			12.7			15.3			15.3			25.4		
Weight															
(g/Ft)	4.5			4.5			7			7			19		
(g/M)	15			15			23			23			63		

JAPANESE TYPE RF COAXIAL CABLES

NUMBERING SYSTEM

1.5

C

2

V

OUTER DIAMETER of insulation

C=75 Ω
D=50 Ω

PE insulation

V : outer conductor (single braid)

W: outer conductor (double braid)

Part Number	1.5C-2V		1.5D-2V		5DFB		8DFB	
DIMENSIONS								
Center Conductor Diameter								
(inch)	0.01		0.02		0.071		0.11	
(mm)	0.26		0.5		1.8		2.8	
Dielectric Diameter								
(inch)	0.063		0.063		0.02		0.307	
(mm)	1.6		1.6		5		7.8	
Braid Diameter								
(inch)	0.083		0.083		0.224		0.346	
(mm)	2.1		2.1		5.7		8.8	
Jacket								
(inch)	0.114		0.114		0.295		0.437	
(mm)	2.9		2.9		7.5		11.1	
MATERIAL SPECIFICATIONS								
Jacket	PVC		PVC		PVC		PVC	
Braid	Bare Copper (Single braid)		Bare Copper (Single braid)		Al. Foil (inner) & TPC (Outer)		Al. Foil (inner) & TPC (Outer)	
Dielectric	PE		PE		Foamed PE		Foamed PE	
Center Conductor	SPC		SPC		Bare Copper		Bare Copper	
ELECTRICAL CHARACTERISTICS								
Impedance	75ohm		50ohm		50ohm		50ohm	
Capacitance (Nominal)								
(pF/ft)	21		31.7		24.1		1.86	
(pF/m)	69		104		79		6.1	
Maximum Working Voltage	1200		1100		1400		1750	
Max. Cond. Resistance								
(Ohms/100Ft)	19.94		10.37		2.87		1.86	
(Ohms/100m)	65.4		34		9.4		6.1	
Corona Extinction Voltage								
(KV RMS)	1		1.6		2.5		3	
Min. Dielectric Strength								
(KV RMS)	1		1		2		2.5	
Max. Attenuation	dB/100Ft	dB/100M	dB/100Ft	dB/100M	dB/100Ft	dB/100M	dB/100Ft	dB/100M
1MHz	0.85	2.8	0.8	2.6	/	/	/	/
10MHz	3	9.8	1.4	4.6	/	/	/	/
30MHz	4.4	14.4	2.5	8.2	/	/	/	/
50MHz	/	/	/	/	1.4	4.6	0.85	2.8
100MHz	/	/	4.7	15.4	/	/	/	/
150MHz	/	/	/	/	2.29	7.5	1.53	5
200MHz	12	39.36	6.9	22.6	/	/	/	/
400MHz	/	/	/	/	3.84	12.6	2.56	8.4
900MHz	/	/	/	/	5.98	19.6	4.06	13.3
1GHz	/	/	16.9	55.4	/	/	/	/
MECHANICAL CHARACTERISTICS								
Max. Operating Temperature (°C)	-40/+80		-40/+80		-40/+80		-40/+80	
Min. Bend Radius								
(inch)	0.53		0.53		0.98		1.02	
(mm)	13.5		13.5		25		26	
Weight								
(g/FT)	4.5		4.5		26.5		54.5	
(g/M)	14.8		14.8		89		179	

STANDARD TEST CABLES

PART NUMBERING SYSTEM

A30

Connector 1

A30 -

Connector 2

5005

XX

18G

100

Connector:

A

3

0

Connector Type

3: Plug
8: Jack

Connector Pattern

0: STRAIGHT
9: RIGHT ANGLE
5: BULKHEAD
C: SWEPT

Connector Series

2.4: 2.4
A: SMA
K: K
N: N
PC: 3.5
T: TNC

Cable Length In CM:

50: 50cm
100: 100cm
150: 150cm
200: 200cm.....

Operating frequency:

3G :3GHz
6G :6GHz
12G :12.4GHz
18G :18GHz
.....

Optional Suffix

S: STAINLESS ARMOUR
BT: STAINLESS ARMOUR + BLACK TUBE
WT: STAINLESS ARMOUR + WHITE TUBE
RT: STAINLESS ARMOUR + RED TUBE
BL: STAINLESS ARMOUR + BLUE TUBE
GT: STAINLESS ARMOUR + GREEN TUBE
YT: STAINLESS ARMOUR + YELLOW TUBE
N: STAINLESS ARMOUR + NYLON BRAID
LW: LOCK WIRE HOLES (AVAILABLE FOR COUPLING NUTS OF N,K,3.5,SMA&TNC PLUGS)

OPTIONAL
ARMOURS

Cable Type

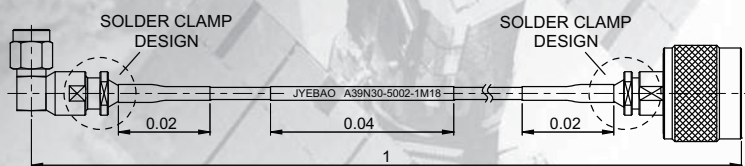
5002: 5002 CABLE
5003: 5003 CABLE
5004: 5004 CABLE
5005: 5005 CABLE
5006: 5006 CABLE
5007: 5007 CABLE

CABLE

INFORMATION ON TEST CABLES

1. Reliability

Jyebao test cables are manufactured with extra sturdy solder clamp designs that ensure a long life span.



2. RF Performance

2.1 Return loss:

Jyebao test cables are manufactured with precision connectors that guarantee good RF performance.

2.2 Operating frequency:

The smaller the cable diameter is the higher the operating frequency that can be achieved but also the higher the insertion loss. The suitable operating frequency for the 5000 cable series is as follows:

5002: up to 50GHz 5004&5005: up to 30GHz
5003: up to 40GHz 5006& 5007: up to 18GHz

2.3 Phase stability vs flexure

5002 and 5003 cable have a good phase stability. We tested phase stability versus flexure by wrapping the cable around a 5 centimeter mandrel, test results are as follows:

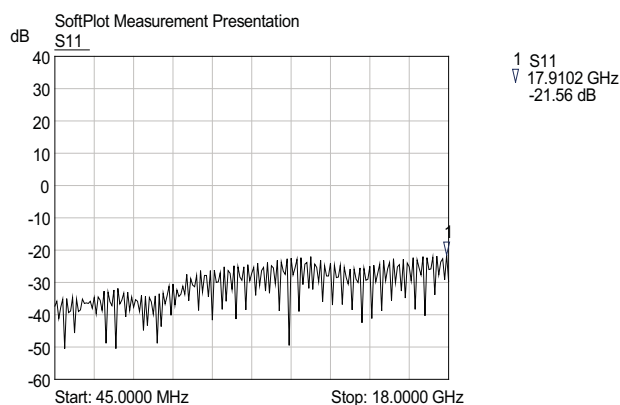
Phase stability vs flexure

Operating Frequency/cable	5002	5003
10GHz	+/-2°	+/-2°
18GHz	+/-6°	+/-4°
30GHz	+/-8°	+/-6°
40GHz	+/-10°	+/-12°

3. Test Reports

Each individual test cable is supplied with a return loss (S11) and insertion loss (S21) test report.

S11 test plot example



4. Standard test cables

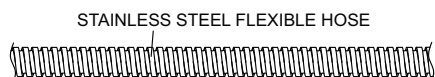
Jyebao has a range of standard test cables shown on page 329-334 which can be supplied on short notice. Their data sheets can be downloaded directly from the JYEBAO website.

5. Optional armours

All test cables can be supplied with one of the following armours:

5.1 Stainless steel flexible hose:

- ⊙ Protects against mechanical damage, pressure, pulling, fire and hot objects.
- ⊙ Suitable for applications of -55°C/+200°C.
- ⊙ Compile a P/N with this armour by adding suffix 'S' to the cable. Eg: A30A30-5005S-18G100
- ⊙ Crush resistance of 45kN/M.



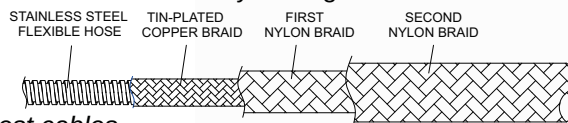
5.2. Stainless steel flexible hose with polyolefin tube:

- ⊙ Protects against mechanical damage, pressure, pulling and gives electrical insulation.
- ⊙ Suitable for applications of $-55^{\circ}\text{C}/+125^{\circ}\text{C}$.
- ⊙ Allows for color coding (black, white, red, blue, green & yellow polyolefin tubes available).
- ⊙ Compile a P/N with this armour by adding suffix 'BT'(Black tube), 'WT'(White tube), 'RT'(Red tube), 'BL'(Blue tube), 'GT'(Green tube) or 'YT'(Yellow tube) to the cable P/N. Eg: A30A30-5005BT-18G100



5.3. Stainless steel hose with tin plated copper braid & double nylon braid:

- ⊙ Gives excellent flexibility while at the same time providing protection against mechanical damage, pressure and pulling.
- ⊙ Suitable for applications of $-55^{\circ}\text{C}/+80^{\circ}\text{C}$.
- ⊙ Compile a P/N with this armour by adding suffix 'N' to the cable P/N. Eg: A30A30-5005N-18G100



6. Customized test cables

Jyebao specializes in customized test cables. Please compile the Jyebao part number of the test cable You need or inform us what connector (see list below), cable type, length and operating frequency is required. Upon receiving this information we'll submit a drawing for customer approval. The table below lists Jyebao precision connectors for the 5000 series low loss cables. This list is not exhaustive, if you do not find the connector You need then please ask.

JYEBAO PRECISION CONNECTORS

Connector \ Cable	5002	5003	5004	5005	5006	5007
SMA plug straight	SMA3200S-5002 SMA32NP-0316	SMA32NP-S402	SMA32NP-L160	SMA32NP-L142 SMA3200QS-5005	SMA3200S-L335 SMA3200S-L335/WP	SMA3200S-0L235
SMA plug right angle	SMA3200S-9405	SMA3200S-9402	SMA3200S-9L160	SMA3200S-9L142		SMA3200S-95007
SMA jack straight			SMA8200S-L160	SMA8200S-0L142	SMA8200S-L335	SMA8200S-5007
SMA jack bulkhead		SMA8205S-S402		SMA8205S-L142		
N plug straight	N3200S-S405 N32SHS-S405	N3200S-S402 N32SHS-S402	N3200S-L160 N32SHS-L160	N3200AS-0L142 N32SHS-0L142	N3200AS-L335 N32SHS-L335	N3200S-0L235 N32SHS-0L235
N plug right angle		N3200S-9S402 N32SHS-9402		N3200S-9L142 N32SHS-9L142	N3200SA-9L335 N32SHS-9L335	
N jack straight	N8200S-5002			N8200S-L142	N8200S-5006	
N jack for bulkhead			N8205S-L160	N8205S-L142		
K plug straight	K3200S-5002	K3200S-5003	K3200S-0L160			
K jack straight	K8200S-5002	K8200S-5003	K8200S-0L160			
TNC plug straight				TNC3200AS-0L142	TNC3200S-L335	
MCX plug straight	MCX3300-S405		MCX3200S-L160			
MCX plug right angle	MCX3300-9405	MCX3300-9402				
BNC plug straight	BNC3200-S405			BNC3200-L142	BNC3200S-L335	
BNC jack straight	BNC8200-5002					
7/16 plug straight		7/16-3200-5003		7/16-3200S-0L142	7/16-3200-L335 7/16-3200A-L335	
7/16 jack straight				7/16-8200S-0L142	7/16-8200-5006	
PC3.5 plug straight	PC3.5-3200S-5002	PC3.5-3200S-5003		PC3.5-3200S-5005		
PC3.5 jack straight	PC3.5-8200S-5002			PC3.5-8200S-5005		
PC7					PC7-5006	
BMA jack straight for panel receptacle		BMA8262-S402				
BMA jack right angle for panel receptacle	BMA8262-9S405					
SMP plug bulkhead			SMP3205S-L160			
SMP jack straight	SMP8200-5002		SMP8200S-5004	SMP8200S-5005		
SMPM jack straight	SMPM8300-5002					
2.4 plug straight	2.4-3200S-5002		2.4-3200S-0L160			
2.4 jack straight	2.4-8200S-5002		2.4-8200S-0L160			
SMS plug straight	SMS3300-5002					
SMB plug straight	SMB3200S-5002					

STANDARD TEST CABLES

OVERVIEW OF STANDARD TEST CABLES

Within Series	Between Series	
2.4 TO 2.4.....330	3.5 TO 2.4.....330	N TO TNC.....329
3.5 TO 3.5.....330	3.5 TO K.....330	SMA TO 2.4.....330
K TO K.....330	K TO 2.4.....330	SMA TO 3.5.....330
N TO N.....331	N TO 2.4.....330	SMA TO K.....330
SMA TO SMA331	N TO 3.5.....330	SMA TO N.....333
TNC TO TNC.....329	N TO K.....330	SMA TO TNC.....329

	Frequency	Max Return Loss(dB)	5005 cable	5006 cable
TNC-TNC				
TNC Plug to TNC Plug	3GHz	- 23	T30T30-5005-3GXXX	T30T30-5006-3GXXX
	6Ghz	- 21	T30T30-5005-6GXXX	T30T30-5006-6GXXX
	12.4Ghz	- 19	T30T30-5005-12GXXX	T30T30-5006-12GXXX
	18GHz	- 18	T30T30-5005-18GXXX	T30T30-5006-18GXXX
SMA-TNC				
SMA Plug to TNC Plug	3GHz	- 23	A30T30-5005-3GXXX	A30T30-5006-3GXXX
	6Ghz	- 21	A30T30-5005-6GXXX	A30T30-5006-6GXXX
	12.4Ghz	- 19	A30T30-5005-12GXXX	A30T30-5006-12GXXX
	18GHz	- 18	A30T30-5005-18GXXX	A30T30-5006-18GXXX
SMA Plug right angle to TNC Plug	3GHz	- 20	A39T30-5005-3GXXX	
	6Ghz	- 19	A39T30-5005-6GXXX	
	12.4Ghz	- 18	A39T30-5005-12GXXX	
	18GHz	- 16.5	A39T30-5005-18GXXX	
SMA Jack to TNC Plug	3GHz	- 23	A80T30-5005-3GXXX	A80T30-5006-3GXXX
	6Ghz	- 21	A80T30-5005-6GXXX	A80T30-5006-6GXXX
	12.4Ghz	- 19	A80T30-5005-12GXXX	A80T30-5006-12GXXX
	18GHz	- 18	A80T30-5005-18GXXX	A80T30-5006-18GXXX
N-TNC				
N Plug to TNC Plug	3GHz	- 23	N30T30-5005-3GXXX	N30T30-5006-3GXXX
	6Ghz	- 21	N30T30-5005-6GXXX	N30T30-5006-6GXXX
	12.4Ghz	- 19	N30T30-5005-12GXXX	N30T30-5006-12GXXX
	18GHz	- 18	N30T30-5005-18GXXX	N30T30-5006-18GXXX
N Plug right angle to TNC Plug	3GHz	- 20	N39T30-5005-3GXXX	N39T30-5006-3GXXX
	6Ghz	- 19	N39T30-5005-6GXXX	N39T30-5006-6GXXX
	12.4Ghz	- 16.5	N39T30-5005-12GXXX	N39T30-5006-12GXXX
N Jack to TNC Plug	3GHz	- 23	N80T30-5005-3GXXX	N80T30-5006-3GXXX
	6Ghz	- 21	N80T30-5005-6GXXX	N80T30-5006-6GXXX
	12.4Ghz	- 19	N80T30-5005-12GXXX	N80T30-5006-12GXXX
	18GHz	- 18	N80T30-5005-18GXXX	N80T30-5006-18GXXX
N Jack bulkhead to TNC Plug	3GHz	- 23	N85T30-5005-3GXXX	
	6Ghz	- 21	N85T30-5005-6GXXX	
	12.4Ghz	- 19	N85T30-5005-12GXXX	
	18GHz	- 18	N85T30-5005-18GXXX	

*XXX= indicate required length in cm

	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable or 5005 cable
3.5 -3.5					
3.5 Plug to 3.5 Plug	33GHz	- 17	PC30PC30-5002-33GXXX	PC30PC30-5003-33GXXX	
	29GHz	- 17			PC30PC30-5005-29GXXX
3.5 Plug to 3.5 Jack	33GHz	- 17	PC30PC80-5002-33GXXX		
	29GHz	- 17			PC30PC80-5005-29GXXX
K -K					
K Plug to K Plug	40GHz	- 16.5	K30K30-5002-40GXXX	K30K30-5003-40GXXX	
K Plug to K Jack	40GHz	- 16.5	K30K80-5002-40GXXX	K30K80-5003-40GXXX	
2.4 -2.4					
2.4 Plug to 2.4 Plug	50GHz	- 16	24302430-5002-50GXXX		
2.4 Plug to 2.4 Jack	50GHz	- 16	24302480-5002-50GXXX		
SMA-K					
SMA Plug to K Plug	18GHz	- 20	A30K30-5002-18GXXX	A30K30-5003-18GXXX	A30K30-5004-18GXXX
SMA Plug to K Jack	18GHz	- 20	A30K80-5002-18GXXX	A30K80-5003-18GXXX	A30K80-5004-18GXXX
SMA Plug right angle to K Plug	18GHz	- 16.5	A39K30-5002-18GXXX	A39K30-5003-18GXXX	A39K30-5004-18GXXX
SMA Plug right angle to K Jack	18GHz	- 16.5	A39K80-5002-18GXXX	A39K80-5003-18GXXX	A39K80-5004-18GXXX
SMA Jack to K Plug	18GHz	- 20			A80K30-5004-18GXXX
SMA-2.4					
SMA Plug to 2.4 Plug	18GHz	- 20	A302430-5002-18GXXX		A302430-5004-18GXXX
SMA Plug to 2.4 Jack	18GHz	- 20	A302480-5002-18GXXX		A302480-5004-18GXXX
SMA Plug right angle to 2.4 Plug	18GHz	- 16.5	A392430-5002-18GXXX		A392430-5004-18GXXX
SMA Plug right angle to 2.4 Jack	18GHz	- 16.5	A392480-5002-18GXXX		A392480-5004-18GXXX
SMA Jack to 2.4 Plug	18GHz	- 20			A802430-5004-18GXXX
SMA-3.5					
SMA Plug to 3.5 Plug	18GHz	- 20	A30PC30-5002-18GXXX	A30PC30-5003-18GXXX	A30PC30-5005-18GXXX
SMA Plug to 3.5 Jack	18GHz	- 20	A30PC80-5002-18GXXX		A30PC80-5005-18GXXX
SMA Plug right angle to 3.5 Plug	18GHz	- 16.5	A39PC30-5002-18GXXX	A39PC30-5003-18GXXX	A39PC30-5005-18GXXX
SMA Plug right angle to 3.5 Jack	18GHz	- 16.5	A39PC80-5002-18GXXX		A39PC80-5005-18GXXX
SMA Jack to 3.5 Plug	18GHz	- 20			A80PC30-5005-18GXXX
N-K					
N Plug to K Plug	18GHz	- 20	N30K30-5002-18GXXX	N30K30-5003-18GXXX	N30K30-5004-18GXXX
N Plug to K Jack	18GHz	- 20	N30K80-5002-18GXXX	N30K80-5003-18GXXX	N30K80-5004-18GXXX
N Jack to K Plug	18GHz	- 20	N80K30-5002-18GXXX		
N-2.4					
N Plug to 2.4 Plug	18GHz	- 20	N302430-5002-18GXXX		N302430-5004-18GXXX
N Plug to 2.4 Jack	18GHz	- 20	N302480-5002-18GXXX		N302480-5004-18GXXX
N Jack to 2.4 Plug	18GHz	- 20	N802430-5002-18GXXX		
N-3.5					
N Plug to 3.5 Plug	18GHz	- 20	N30PC30-5002-18GXXX	N30PC30-5003-18GXXX	N30PC30-5005-18GXXX
N Plug to 3.5 Jack	18GHz	- 20	N30PC80-5002-18GXXX		N30PC80-5005-18GXXX
N Jack to 3.5 Plug	18GHz	- 20	N80PC30-5002-18GXXX		N80PC30-5005-18GXXX
3.5 - K					
3.5 Plug to K Plug	33GHz	- 17	PC30K30-5002-33GXXX	PC30K30-5003-33GXXX	
3.5 Plug to K Jack	33GHz	- 17	PC30K80-5002-33GXXX	PC30K80-5003-33GXXX	
3.5 Jack to K Plug	33GHz	- 17	PC80K30-5002-33GXXX		
3.5 - 2.4					
3.5 Plug to 2.4 Plug	33GHz	- 17	PC302430-5002-33GXXX		
3.5 Plug to 2.4 Jack	33GHz	- 17	PC302480-5002-33GXXX		
3.5 Jack to 2.4 Plug	33GHz	- 17	PC802430-5002-33GXXX		
K - 2.4					
K Plug to 2.4 Plug	40GHz	- 16.5	K302430-5002-40GXXX		
K Plug to 2.4 Jack	40GHz	- 16.5	K302480-5002-40GXXX		
K Jack to 2.4 Plug	40GHz	- 16.5	K802430-5002-40GXXX		

*XXX= indicate required length in cm



	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable
SMA -SMA					
SMA Plug to SMA Plug	3GHz	- 25	A30A30-5002-3GXXX	A30A30-5003-3GXXX	A30A30-5004-3GXXX
	6Ghz	- 23	A30A30-5002-6GXXX	A30A30-5003-6GXXX	A30A30-5004-6GXXX
	12.4Ghz	- 20	A30A30-5002-12GXXX	A30A30-5003-12GXXX	A30A30-5004-12GXXX
	18GHz	- 18	A30A30-5002-18GXXX	A30A30-5003-18GXXX	A30A30-5004-18GXXX
	27GHZ	- 16	A30A30-5002-27GXXX	A30A30-5003-27GXXX	
SMA Plug to SMA Plug right angle	3GHz	- 20	A30A39-5002-3GXXX	A30A39-5003-3GXXX	A30A39-5004-3GXXX
	6Ghz	- 19	A30A39-5002-6GXXX	A30A39-5003-6GXXX	A30A39-5004-6GXXX
	12.4Ghz	- 18	A30A39-5002-12GXXX	A30A39-5003-12GXXX	A30A39-5004-12GXXX
	18GHz	- 16.5	A30A39-5002-18GXXX	A30A39-5003-18GXXX	A30A39-5004-18GXXX
SMA Plug to SMA Jack	3GHz	- 25			A30A80-5004-3GXXX
	6Ghz	- 23			A30A80-5004-6GXXX
	12.4Ghz	- 20			A30A80-5004-12GXXX
	18GHz	- 18			A30A80-5004-18GXXX
SMA Plug to SMA Jack bulkhead	3GHz	- 25		A30A85-5003-3GXXX	
	6Ghz	- 23		A30A85-5003-6GXXX	
	12.4Ghz	- 20		A30A85-5003-12GXXX	
	18GHz	- 18		A30A85-5003-18GXXX	
SMA Plug right angle to SMA Jack	3GHz	- 20			A39A80-5004-3GXXX
	6Ghz	- 19			A39A80-5004-6GXXX
	12.4Ghz	- 18			A39A80-5004-12GXXX
	18GHz	- 16.5			A39A80-5004-18GXXX
SMA Plug right angle to SMA Jack bulkhead	3GHz	- 20		A39A85-5003-3GXXX	
	6Ghz	- 19		A39A85-5003-6GXXX	
	12.4Ghz	- 18		A39A85-5003-12GXXX	
	18GHz	- 16.5		A39A85-5003-18GXXX	
N-N					
N Plug to N Plug	3GHz	- 25	N30N30-5002-3GXXX	N30N30-5003-3GXXX	N30N30-5004-3GXXX
	6Ghz	- 23	N30N30-5002-6GXXX	N30N30-5003-6GXXX	N30N30-5004-6GXXX
	12.4Ghz	- 20	N30N30-5002-12GXXX	N30N30-5003-12GXXX	N30N30-5004-12GXXX
	18GHz	- 18	N30N30-5002-18GXXX	N30N30-5003-18GXXX	N30N30-5004-18GXXX
N Plug to N Plug right angle	3GHz	- 20		N30N39-5003-3GXXX	
	6Ghz	- 19		N30N39-5003-6GXXX	
	12.4Ghz	- 16.5		N30N39-5003-12GXXX	
N Plug to N Jack	3GHz	- 25	N30N80-5002-3GXXX		
	6Ghz	- 23	N30N80-5002-6GXXX		
	12.4Ghz	- 20	N30N80-5002-12GXXX		
	18GHz	- 18	N30N80-5002-18GXXX		
N Plug to N Jack bulkhead	3GHz	- 25			N30N85-5004-3GXXX
	6Ghz	- 23			N30N85-5004-6GXXX
	12.4Ghz	- 20			N30N85-5004-12GXXX
	18GHz	- 18			N30N85-5004-18GXXX
N Plug right angle to N Jack	3GHz	- 20			

*XXX= indicate required length in cm

	Frequency	Max Return Loss (dB)	5005 cable	5005N cable (= armored 5005 cable)	5007 cable	5006 cable
SMA -SMA						
SMA Plug to SMA Plug	3GHz	- 25	A30A30-5005-3GXXX	A30A30-5005N-3GXXX	A30A30-5007-3GXXX	A30A30-5006-3GXXX
	6Ghz	- 23	A30A30-5005-6GXXX	A30A30-5005N-6GXXX	A30A30-5007-6GXXX	A30A30-5006-6GXXX
	12.4Ghz	- 20	A30A30-5005-12GXXX	A30A30-5005N-12GXXX	A30A30-5007-12GXXX	A30A30-5006-12GXXX
	18GHz	- 18	A30A30-5005-18GXXX	A30A30-5005N-18GXXX	A30A30-5007-18GXXX	A30A30-5006-18GXXX
	27GHZ	- 16				
SMA Plug to SMA Plug right angle	3GHz	- 20	A30A39-5005-3GXXX		A30A39-5007-3GXXX	
	6Ghz	- 19	A30A39-5005-6GXXX		A30A39-5007-6GXXX	
	12.4Ghz	- 18	A30A39-5005-12GXXX		A30A39-5007-12GXXX	
	18GHz	- 16.5	A30A39-5005-18GXXX		A30A39-5007-18GXXX	
SMA Plug to SMA Jack	3GHz	- 25	A30A80-5005-3GXXX		A30A80-5007-3GXXX	A30A80-5006-3GXXX
	6Ghz	- 23	A30A80-5005-6GXXX		A30A80-5007-6GXXX	A30A80-5006-6GXXX
	12.4Ghz	- 20	A30A80-5005-12GXXX		A30A80-5007-12GXXX	A30A80-5006-12GXXX
	18GHz	- 18	A30A80-5005-18GXXX		A30A80-5007-18GXXX	A30A80-5006-18GXXX
SMA Plug to SMA Jack bulkhead	3GHz	- 25	A30A85-5005-3GXXX			
	6Ghz	- 23	A30A85-5005-6GXXX			
	12.4Ghz	- 20	A30A85-5005-12GXXX			
	18GHz	- 18	A30A85-5005-18GXXX			
SMA Plug right angle to SMA Jack	3GHz	- 20	A39A80-5005-3GXXX		A39A80-5007-3GXXX	
	6Ghz	- 19	A39A80-5005-6GXXX		A39A80-5007-6GXXX	
	12.4Ghz	- 18	A39A80-5005-12GXXX		A39A80-5007-12GXXX	
	18GHz	- 16.5	A39A80-5005-18GXXX		A39A80-5007-18GXXX	
SMA Plug right angle to SMA Jack bulkhead	3GHz	- 20	A39A85-5005-3GXXX			
	6Ghz	- 19	A39A85-5005-6GXXX			
	12.4Ghz	- 18	A39A85-5005-12GXXX			
	18GHz	- 16.5	A39A85-5005-18GXXX			
N-N						
N Plug to N Plug	3GHz	- 25	N30N30-5005-3GXXX	N30N30-5005N-3GXXX	N30N30-5007-3GXXX	N30N30-5006-3GXXX
	6Ghz	- 23	N30N30-5005-6GXXX	N30N30-5005N-6GXXX	N30N30-5007-6GXXX	N30N30-5006-6GXXX
	12.4Ghz	- 20	N30N30-5005-12GXXX	N30N30-5005N-12GXXX	N30N30-5007-12GXXX	N30N30-5006-12GXXX
	18GHz	- 18	N30N30-5005-18GXXX	N30N30-5005N-18GXXX	N30N30-5007-18GXXX	N30N30-5006-18GXXX
N Plug to N Plug right angle	3GHz	- 20	N30N39-5005-3GXXX			N30N39-5006-3GXXX
	6Ghz	- 19	N30N39-5005-6GXXX			N30N39-5006-6GXXX
	12.4Ghz	- 16.5	N30N39-5005-12GXXX			N30N39-5006-12GXXX
N Plug to N Jack	3GHz	- 25	N30N80-5005-3GXXX			N30N80-5006-3GXXX
	6Ghz	- 23	N30N80-5005-6GXXX			N30N80-5006-6GXXX
	12.4Ghz	- 20	N30N80-5005-12GXXX			N30N80-5006-12GXXX
	18GHz	- 18	N30N80-5005-18GXXX			N30N80-5006-18GXXX
N Plug to N Jack bulkhead	3GHz	- 25	N30N85-5005-3GXXX			
	6Ghz	- 23	N30N85-5005-6GXXX			
	12.4Ghz	- 20	N30N85-5005-12GXXX			
	18GHz	- 18	N30N85-5005-18GXXX			
N Plug right angle to N Jack	3GHz	- 20	N39N80-5005-3GXXX			N39N80-5006-3GXXX

*XXX= indicate required length in cm



	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable
N Plug right angle to N Jack	6Ghz	- 18			
	12.4Ghz	- 16.5			
N Plug right angle to N Jack bulkhead	3GHz	- 20			
	6Ghz	- 19			
	12.4Ghz	- 16.5			
SMA-N					
SMA Plug to N Plug	3GHz	- 25	A30N30-5002-3GXXX	A30N30-5003-3GXXX	A30N30-5004-3GXXX
	6Ghz	- 23	A30N30-5002-6GXXX	A30N30-5003-6GXXX	A30N30-5004-6GXXX
	12.4Ghz	- 20	A30N30-5002-12GXXX	A30N30-5003-12GXXX	A30N30-5004-12GXXX
	18GHz	- 18	A30N30-5002-18GXXX	A30N30-5003-18GXXX	A30N30-5004-18GXXX
SMA Plug to N Plug right angle	3GHz	- 20		A30N39-5003-3GXXX	
	6Ghz	- 19		A30N39-5003-6GXXX	
	12.4Ghz	- 16.5		A30N39-5003-12GXXX	
SMA Plug to N Jack	3GHz	- 25	A30N80-5002-3GXXX		
	6Ghz	- 23	A30N80-5002-6GXXX		
	12.4Ghz	- 20	A30N80-5002-12GXXX		
	18GHz	- 18	A30N80-5002-18GXXX		
SMA Plug to N Jack bulkhead	3GHz	- 25			A30N85-5004-3GXXX
	6Ghz	- 23			A30N85-5004-6GXXX
	12.4Ghz	- 20			A30N85-5004-12GXXX
	18GHz	- 18			A30N85-5004-18GXXX
SMA Plug right angle to N Plug	3GHz	- 20	A39N30-5002-3GXXX	A39N30-5003-3GXXX	A39N30-5004-3GXXX
	6Ghz	- 19	A39N30-5002-6GXXX	A39N30-5003-6GXXX	A39N30-5004-6GXXX
	12.4Ghz	- 18	A39N30-5002-12GXXX	A39N30-5003-12GXXX	A39N30-5004-12GXXX
	18GHz	- 16.5	A39N30-5002-18GXXX	A39N30-5003-18GXXX	A39N30-5004-18GXXX
SMA Plug right angle to N Jack	3GHz	- 20	A39N80-5002-3GXXX		
	6Ghz	- 19	A39N80-5002-6GXXX		
	12.4Ghz	- 18	A39N80-5002-12GXXX		
	18GHz	- 16.5	A39N80-5002-18GXXX		
SMA Plug right angle to N Jack bulkhead	3GHz	- 20			A39N85-5004-3GXXX
	6Ghz	- 19			A39N85-5004-6GXXX
	12.4Ghz	- 18			A39N85-5004-12GXXX
	18GHz	- 16.5			A39N85-5004-18GXXX
SMA Jack to N Plug	3GHz	- 25			A80N30-5004-3GXXX
	6Ghz	- 23			A80N30-5004-6GXXX
	12.4Ghz	- 20			A80N30-5004-12GXXX
	18GHz	- 18			A80N30-5004-18GXXX
SMA Jack to N Plug right angle	3GHz	- 20			
	6Ghz	- 19			
	12.4Ghz	- 16.5			

*XXX= indicate required length in cm

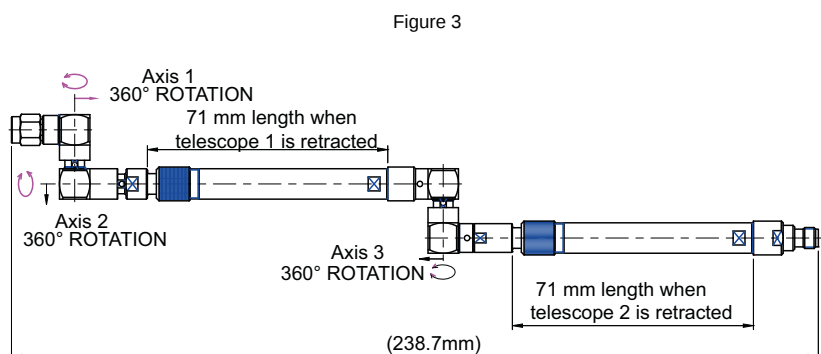
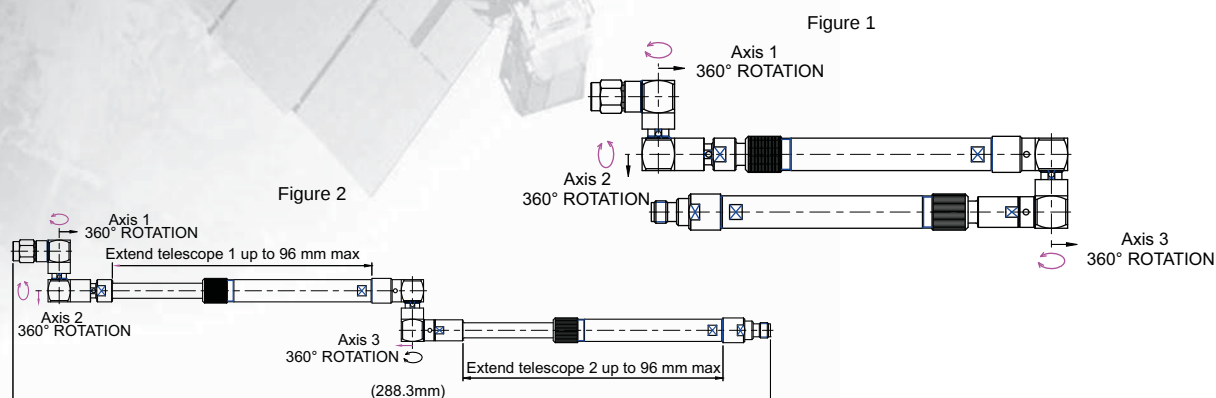
TEST CABLE

	Frequency	Max Return Loss (dB)	5005 cable	5005N cable (= armored 5005 cable)	5007 cable	5006 cable
N Plug right angle to N Jack	6Ghz	- 18	N39N80-5005-6GXXX			N39N80-5006-6GXXX
	12.4Ghz	- 16.5	N39N80-5005-12GXXX			N39N80-5006-12GXXX
N Plug right angle to N Jack bulkhead	3GHz	- 20	N39N85-5005-3GXXX			
	6Ghz	- 19	N39N85-5005-6GXXX			
	12.4Ghz	- 16.5	N39N85-5005-12GXXX			
SMA-N						
SMA Plug to N Plug	3GHz	- 25	A30N30-5005-3GXXX	A30N30-5005N-3GXXX	A30N30-5007-3GXXX	A30N30-5006-3GXXX
	6Ghz	- 23	A30N30-5005-6GXXX	A30N30-5005N-6GXXX	A30N30-5007-6GXXX	A30N30-5006-6GXXX
	12.4Ghz	- 20	A30N30-5005-12GXXX	A30N30-5005N-12GXXX	A30N30-5007-12GXXX	A30N30-5006-12GXXX
	18GHz	- 18	A30N30-5005-18GXXX	A30N30-5005N-18GXXX	A30N30-5007-18GXXX	A30N30-5006-18GXXX
SMA Plug to N Plug right angle	3GHz	- 20	A30N39-5005-3GXXX			A30N39-5006-3GXXX
	6Ghz	- 19	A30N39-5005-6GXXX			A30N39-5006-6GXXX
	12.4Ghz	- 16.5	A30N39-5005-12GXXX			A30N39-5006-12GXXX
SMA Plug to N Jack	3GHz	- 25	A30N80-5005-3GXXX			A30N80-5006-3GXXX
	6Ghz	- 23	A30N80-5005-6GXXX			A30N80-5006-6GXXX
	12.4Ghz	- 20	A30N80-5005-12GXXX			A30N80-5006-12GXXX
	18GHz	- 18	A30N80-5005-18GXXX			A30N80-5006-18GXXX
SMA Plug to N Jack bulkhead	3GHz	- 25	A30N85-5005-3GXXX			
	6Ghz	- 23	A30N85-5005-6GXXX			
	12.4Ghz	- 20	A30N85-5005-12GXXX			
	18GHz	- 18	A30N85-5005-18GXXX			
SMA Plug right angle to N Plug	3GHz	- 20	A39N30-5005-3GXXX		A39N30-5007-3GXXX	
	6Ghz	- 19	A39N30-5005-6GXXX		A39N30-5007-6GXXX	
	12.4Ghz	- 18	A39N30-5005-12GXXX		A39N30-5007-12GXXX	
	18GHz	- 16.5	A39N30-5005-18GXXX		A39N30-5007-18GXXX	
SMA Plug right angle to N Jack	3GHz	- 20	A39N80-5005-3GXXX			
	6Ghz	- 19	A39N80-5005-6GXXX			
	12.4Ghz	- 18	A39N80-5005-12GXXX			
	18GHz	- 16.5	A39N80-5005-18GXXX			
SMA Plug right angle to N Jack bulkhead	3GHz	- 20	A39N85-5005-3GXXX			
	6Ghz	- 19	A39N85-5005-6GXXX			
	12.4Ghz	- 18	A39N85-5005-12GXXX			
	18GHz	- 16.5	A39N85-5005-18GXXX			
SMA Jack to N Plug	3GHz	- 25	A80N30-5005-3GXXX		A80N30-5007-3GXXX	A80N30-5006-3GXXX
	6Ghz	- 23	A80N30-5005-6GXXX		A80N30-5007-6GXXX	A80N30-5006-6GXXX
	12.4Ghz	- 20	A80N30-5005-12GXXX		A80N30-5007-12GXXX	A80N30-5006-12GXXX
	18GHz	- 18	A80N30-5005-18GXXX		A80N30-5007-18GXXX	A80N30-5006-18GXXX
SMA Jack to N Plug right angle	3GHz	- 20	A80N39-5005-3GXXX			A80N39-5006-3GXXX
	6Ghz	- 19	A80N39-5005-6GXXX			A80N39-5006-6GXXX
	12.4Ghz	- 16.5	A80N39-5005-12GXXX			A80N39-5006-12GXXX

*XXX= indicate required length in cm

PHASE STABLE TEST CABLE TO CONNECT A VNA AND DEVICE UNDER TEST

Joints between the rigid lines and two telescopes allow formovement in every direction.



JYEBAO P/N: A30A80-MD-20-30CM

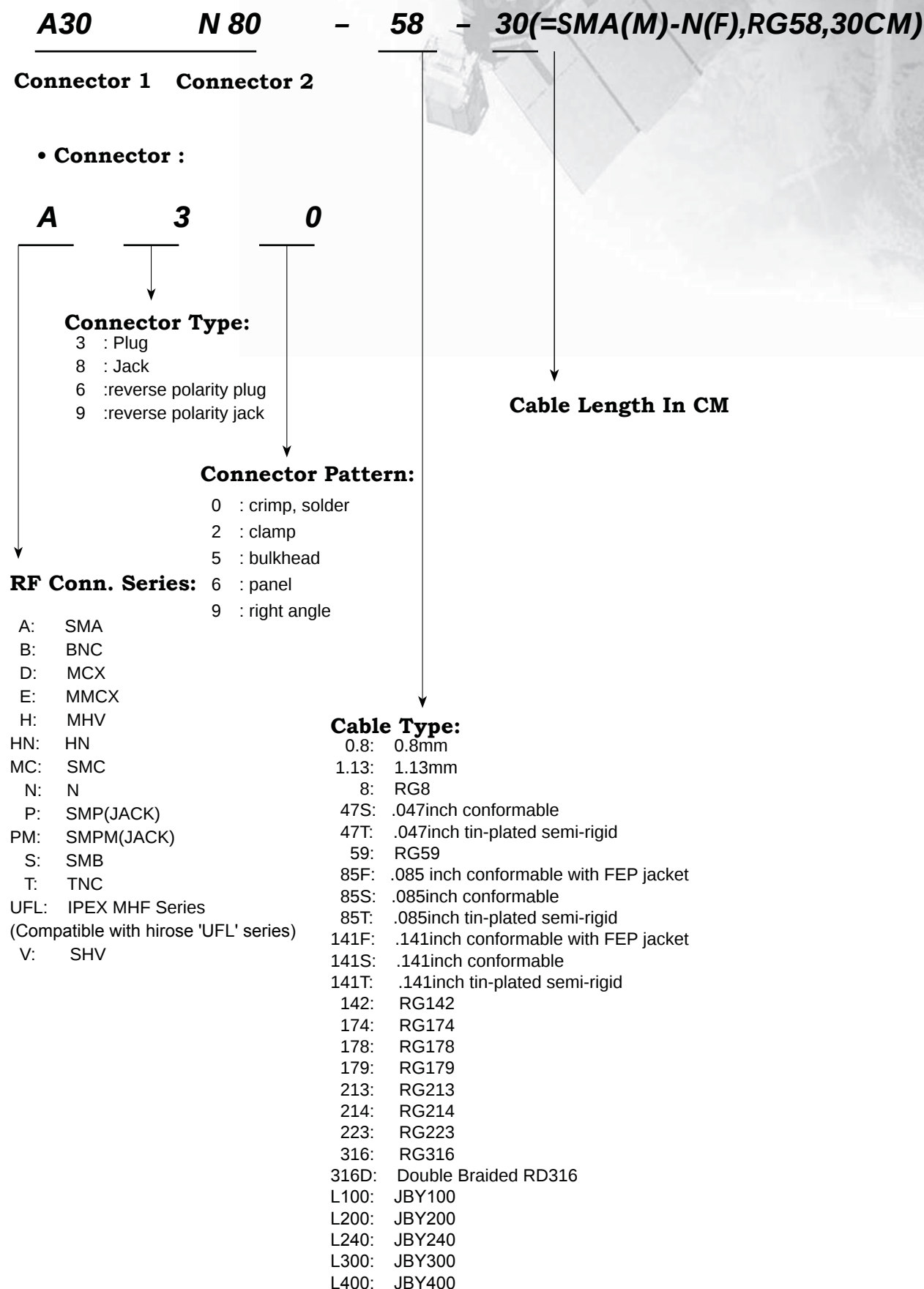
Specifications	Freq (GHz)	VSWR max	VSWR-WOW	Insertion loss (dB)	Insertion loss-WOW	Phase-WOW
Telescope 1&2 extended 25mm each (Fig 2)	3GHz	1.2	≤ 0.02	≤ 0.5	≤ 0.05	$\leq 0.3^\circ$
	6GHz	1.5	≤ 0.03	≤ 1	≤ 0.2	$\leq 0.5^\circ$
Telescope 1&2 fully retracted (Fig 3)	3GHz	1.2	≤ 0.02	≤ 0.45	≤ 0.05	$\leq 0.3^\circ$
	6GHz	1.5	≤ 0.03	≤ 0.9	≤ 0.2	$\leq 0.5^\circ$

NOTE:

- (1) VSWR-WOW: VSWR rotational effect (WOW) is the change in VSWR with rotation around an axis and is the difference between the maximum and minimum values observed in one 360° rotation around that axis.
- (2) Insertion loss -WOW: Insertion Loss rotational effect (WOW) is the change in insertion loss that occurs with rotation around an axis and is the difference between the maximum and minimum values observed in one 360° rotation around that axis.
- (3) Phase-WOW: Phase rotational effect (WOW) is the change in Phase with rotation around an axis and is the difference between the maximum and minimum values observed in one 360° rotation around that axis.
- (4) Extend each telescope 25mm maximum; extending more then 25mm might lead to degradation in performance.

STANDARD RF CABLE ASSEMBLIES PART NUMBERING SYSTEM

EXAMPLE



INTRODUCTION

1.Introduction

Wide range of standard cable assemblies available in any length:

Standard within series cable assemblies

Connector 1 + Cable + Connector 2 (Connector types: see table 3; cable types: see table 1&2)	
BNC	BNC
HN	HN
MCX	MCX
MHV	MHV
MMCX	MMCX
N	N
SHV	SHV
SMA	SMA
SMB	SMB
SMC	SMC
SMP	SMP
SMPM	SMPM
TNC	TNC

Standard between series cable assemblies

Connector 1 + Cable + Connector 2 (Connector types: see table 3; cable types: see table 1&2)	
BNC	TNC
MCX	MMCX
MHV	SHV
N	BNC
N	TNC
SMA	BNC
SMA	IPEX(UFL)
SMA	MCX
SMA	MMCX
SMA	N
SMA	SMB
SMA	SMC
SMA	SMP
SMA	SMPM
SMA	TNC
SMB	SMC
SMP	SMPM

Table 1: Semi-rigid & Handbendable (conformable) cable used on standard cable assemblies

CABLE TYPE OUTER DIAMETER CABLE	50Ω Tin-plated semi-rigid cable	50Ω Handbendable (conformable) cable	50Ω Handbendable (conformable) cable with FEP jacket
.047 Inch	.047TIN-W-P-50	.047SRF-W-P-50	-
.085 Inch	.085TIN-W-P-50	.085SRF-W-P-50	.085SRF-W-P-50-F
.141 Inch	.141TIN-W-P-50	.141SRF-W-P-50	.141SRF-W-P-50-F

Table 2: Flexible cables used on standard cable assemblies

50Ω JBY low loss cable (6GHZ)	75Ω RG type cable with single braid	50Ω RG type cable with single braid	50Ω RG type cable with double braid	50Ω small sized cable for IPEX(UFL) connectors
JBY100	RG59	RG8	RG142	.8MM
JBY195	RG179	RG58	RG214	1.13MM
JBY200		RG174	RG223	
JBY240		RG178	RD316(=RG316D)	
JBY400		RG213		
		RG316		

Table 3 (part 1): Connector types used on standard cable assemblies

A: Straight plug

E: Straight jack

B: Right angle plug

F: Straight jack for bulkhead

C: Reverse polarity straight plug (Male body, Female pin)

G: Reverse polarity jack (Female body, Male pin)

D: Reverse polarity right angle plug (Male body, Female pin)

H: Reverse polarity jack for bulkhead (Female body, Male pin)

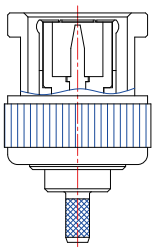
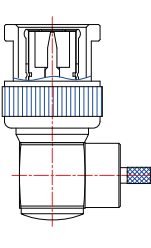
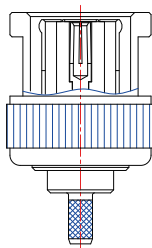
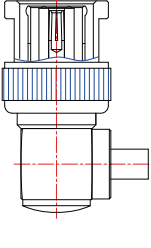
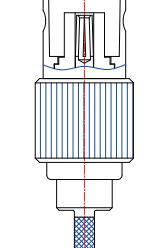
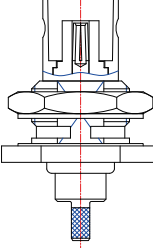
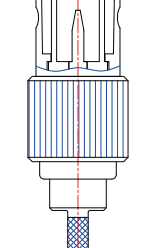
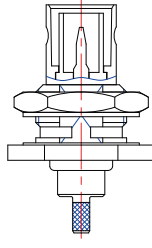
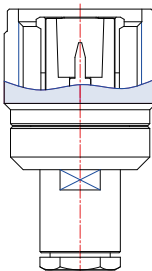
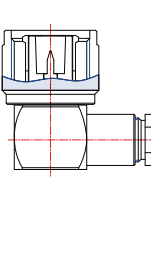
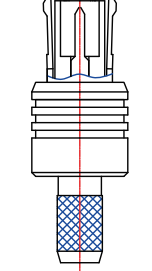
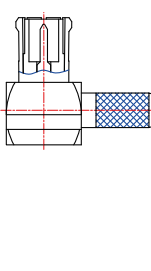
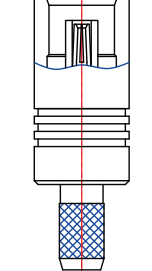
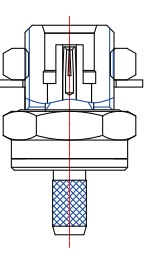
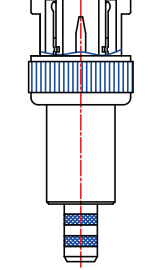
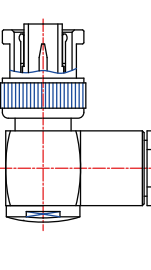
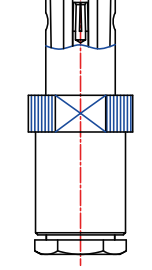
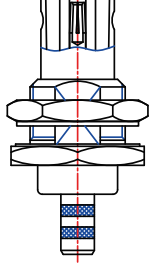
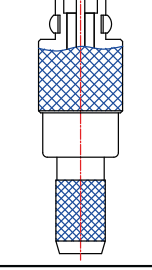
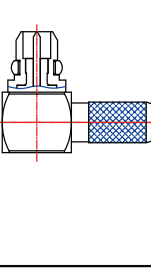
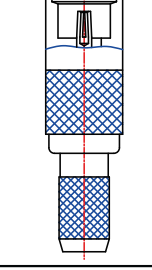
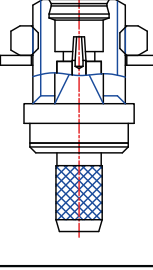
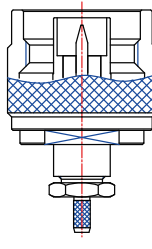
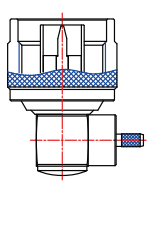
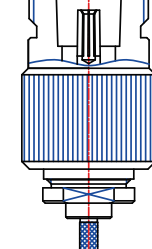
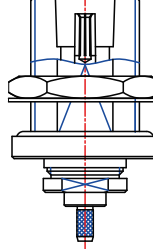
	A	B	C	D	E	F	G	H
BNC								
HN								
MCX								
MHV								
MMCX								
N								

Table 3 (part 2): Connector types used on standard cable assemblies

A: Straight plug

B: Right angle plug

C: Reverse polarity straight plug (Male body, Female pin)

D: Reverse polarity right angle plug (Male body, Female pin)

E: Straight jack

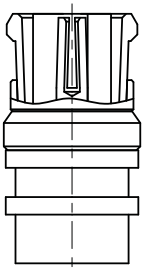
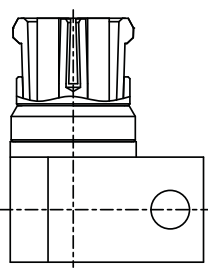
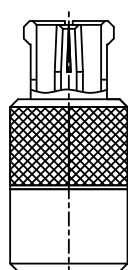
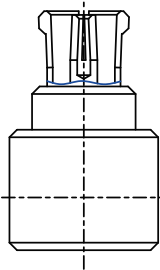
F: Straight jack for bulkhead

G: Reverse polarity jack (Female body, Male pin)

H: Reverse polarity jack for bulkhead (Female body, Male pin)

	A	B	C	D	E	F	G	H
SHV								
SMA								
SMB								
SMC								
TNC								
IPEX (UFL)								

Table 3 (part 3): Connector types used on standard cable assemblies

SMP jack	SMP jack Right angle	SMPM jack	SMPM jack Right angle
			

Overview Of Various Standard RF Cable Assemblies

1 Between Series Assemblies

BNC-TNC Assemblies

CONNECTOR 1 CONNECTOR 2	TNC Plug	TNC Plug Right Angle	TNC Reverse polarity Plug	TNC Jack	TNC Jack Bulkhead	TNC Reverse Polarity Jack	TNC Reverse Polarity Jack Bulkhead
BNC Plug	364	364	364	365	366	365	366
BNC Plug Right Angle	365	365	365		366&367		366&367
BNC Reverse polarity Plug	364	365	364	365	366	365	366
BNC Jack	365		366	366&367		367	
BNC Jack Bulkhead	366	366&367	366				
BNC Reverse Polarity Jack	365		366	367		367	
BNC Reverse Polarity Jack Bulkhead	366	366&357	366				

MCX-MMCX Assemblies

CONNECTOR 1 CONNECTOR 2	MMCX Plug	MMCX Plug Right Angle	MMCX Jack	MMCX Jack Bulkhead
MCX Plug	368	368	368	368
MCX Plug Right Angle	368	368		368
MCX Jack	368		368	
MCX Jack Bulkhead	368	368		

MHV-SHV Assemblies

CONNECTOR 1 CONNECTOR 2	SHV Plug	SHV Plug Right Angle
MHV Plug	367	367
MHV Plug Right Angle	367	

	CONNECTOR 1 CONNECTOR 2	N Plug	N Plug Right Angle	N Jack	N Jack Bulkhead
N-BNC Assemblies	BNC Plug	361&362	362	362	363
	BNC Plug Right Angle	362			363
	BNC Reverse Polarity Plug	362	362	362	363
	BNC Jack	362		363	
	BNC Jack Bulkhead	362	363		
	BNC Reverse Polarity Jack	362		363	
	BNC Reverse Polarity Jack Bulkhead	362	363		
N-TNC Assemblies	TNC Plug	363	363	363	364
	TNC Plug Right Angle	363			364
	TNC Reverse Polarity Plug	363	363	364	364
	TNC Jack	363		364	
	TNC Jack Bulkhead	364	364		
	TNC Reverse Polarity Jack	363		364	
	TNC Reverse Polarity Jack Bulkhead	364	364		

SMB-SMC Assemblies

CONNECTOR 1 CONNECTOR 2	SMC Plug	SMC Plug Right Angle	SMC Jack	SMC Jack Bulkhead
SMB Plug	367	367	367&368	367&368
SMB Plug Right Angle	367	367		367&368
SMB Jack	367&368		368	
SMB Jack Bulkhead	367&368	368		

SMP-SMPM Assemblies

CONNECTOR 1 CONNECTOR 2	SMP Jack	SMP Jack Right Angle
SMPM Jack	369	369
SMPM Jack Right Angle	369	369

	CONNECTOR 1 CONNECTOR 2	SMA Plug	SMA Plug Right Angle	SMA Reverse Polarity Plug	SMA Jack	SMA Jack Bulkhead	SMA Reverse Polarity Jack	SMA Reverse Polarity Jack Bulkhead
SMA-BNC Assemblies	BNC Plug	352	353	353	353	354	353	354
	BNC Plug Right Angle	353		353		354		354
	BNC Reverse Polarity Plug	353	353	353	353	354	353	354
	BNC Jack	353		353	354		354	
	BNC Jack Bulkhead	354	354	354				
	BNC Reverse Polarity Jack	353		353	354		355	
	BNC Jack Reverse Polarity Bulkhead	354	354	354				
SMA-IPEX(UFL) Assemblies	IPEX(UFL) Plug Right Angle	351		351	351	351		351
SMA-MCX Assemblies	MCX Plug	359	360	359	360	360	360	360
	MCX Plug Right Angle	359	360	359		360		360
	MCX Jack	360		360	360		360	
	MCX Jack Bulkhead	360	360	360				
SMA-MMCX Assemblies	MMCX Plug	361	361	361	361	361	361	361
	MMCX Plug Right Angle	361	361	361		361&362		361&362
	MMCX Jack	361		361	361&362		361&362	
	MMCX Jack Bulkhead	361	361	361				
SMA-N Assemblies	N Plug	351	351	351	352	352	352	352
	N Plug Right Angle	351	352	351		352		352
	N Jack	352		352	352		352	
	N Jack Bulkhead	352	352	352				
SMA-SMB Assemblies	SMB Plug	357	357	357	357	358	357	358
	SMB Plug Right Angle	357	357	357		358		358
	SMB Jack	357		357	358		358	
	SMB Jack Bulkhead	357	358	357				
SMA-SMC Assemblies	SMC Plug	358	358	358	359	359	359	359
	SMC Plug Right Angle	358	358	358		359		359
	SMC Jack	358		358	359		359	
	SMC Jack Bulkhead	359	359	359				
SMA-TNC Assemblies	TNC Plug	355	355	355	355	356	355	356
	TNC Plug Right Angle	355		355		356		356
	TNC Reverse Polarity Plug	355	355	355	356	356	356	356
	TNC Jack	355		355	356		357	
	TNC Jack Bulkhead	356	356	356				
	TNC Reverse Polarity Jack	355		356	357		357	
	TNC Reverse Polarity Jack Bulkhead	356	356	356				
SMA-SMP Assemblies	SMP Jack	369	369		369	369		
	SMP Jack Right Angle	369	369		369	369		
SMA-SMPM Assemblies	SMPM Jack	369	369		369	369		
	SMPM Jack Right Angle	369	369		369	369		

2 Within Series Assemblies

	Plug	Plug Right Angle	Reverse Polarity Plug	Jack	Jack Bulkhead	Reverse Polarity Jack	Reverse Polarity Jack Bulkhead
BNC - BNC ASSEMBLIES (Pages 347-349)							
Plug	347&348	347&348	347&348	348	348	348	348
Plug Right Angle	347&348	348	347&348		348		349
Reverse Polarity Plug	347&348	347&348	347&348	348	348	348	348
Jack	348		348	349		349	
Jack Bulkhead	348	348	348				
Reverse Polarity Jack	348		348	349		349	
Reverse Polarity Jack Bulkhead	348	349	348				
HN-HN ASSEMBLIES (Pages 351)							
Plug	351	351					
Plug Right Angle	351						
MCX-MCX ASSEMBLIES (Pages 350-351)							
Plug	350	350		350	350		
Plug Right Angle	350	350			351		
Jack	350			351			
Jack Bulkhead	350	351					
MHV-MHV ASSEMBLIES (Page 351)							
Plug	351	351		351			
Plug Right Angle	351						
Jack	351						
MMCX-MMCX ASSEMBLIES (Page 350)							
Plug	350	350		350	350		
Plug Right Angle	350	350			350		
Jack	350			350			
Jack Bulkhead	350	350					
N-N ASSEMBLIES (Page 345-346)							
Plug	345	345&346		345&346	345&346		
Plug Right Angle	345&346	345&346			345&346		
Jack	345&346			346			
Jack Bulkhead	345&346	345&346					
SHV-SHV ASSEMBLIES (Page 351)							
Plug	351	351		351			
Plug Right Angle	351						
Jack	351						

	Plug	Plug Right Angle	Reverse Polarity Plug	Reverse Polarity Plug Right Angle	Jack	Jack Bulkhead	Reverse Polarity Jack	Reverse Polarity Jack Bulkhead	Jack Right Angle
SMA-SMA ASSEMBLIES (Pages 344-345)									
Plug	344	344	344	344	344	344	344	344	
Plug Right Angle	344	344	344	344		345		345	
Reverse Polarity Plug	344	344	344	344	344	345	344	345	
Reverse Polarity Plug Right Angle	344	344	344			345		345	
Jack	344		344		345		345		
Jack Bulkhead	344	345	345	345					
Reverse Polarity Jack	344		344		345		345		
Reverse Polarity Jack Bulkhead	344	345	345	345					
SMB-SMB ASSEMBLIES (Pages 349)									
Plug	349	349			349	349			
Plug Right Angle	349	349				349			
Jack	349				349				
Jack Bulkhead	349	349							
SMC-SMC ASSEMBLIES (Pages 349-350)									
Plug	349	349			349	350			
Plug Right Angle	349	349				350			
Jack	349				350				
Jack Bulkhead	350	350							
SMP-SMP ASSEMBLIES (Page 369)									
Jack					369				369
Jack Right Angle					369				369
SMPM-SMPM ASSEMBLIES (Page 369)									
Jack					369				369
Jack Right Angle					369				369
TNC-TNC ASSEMBLIES (Pages 346-347)									
Plug	346	346	346		346	347	346	347	
Plug Right Angle	346	346	346			347		347	
Reverse Polarity Plug	346	346	346		346	347	347	347	
Jack	346		346		347		347		
Jack Bulkhead	347	347	347						
Reverse Polarity Jack	346		347		347		347		
Reverse Polarity Jack Bulkhead	347	347	347						

Cable	SMA Plug-SMA Plug	SMA Plug-SMA Reverse polarity Plug	SMA Reverse Polarity Plug-SMA Reverse polarity Plug	SMA Plug-SMA Plug Right Angle	SMA Reverse Polarity Plug-SMA Plug Right Angle
RG174	A30A30-174-XXX	A30A60-174-XXX	A60A60-174-XXX	A30A39-174-XXX	A60A39-174-XXX
RG316	A30A30-316-XXX	A30A60-316-XXX	A60A60-316-XXX	A30A39-316-XXX	A60A39-316-XXX
RD316	A30A30-316D-XXX	A30A60-316D-XXX	A60A60-316D-XXX	A30A39-316D-XXX	A60A39-316D-XXX
JB100	A30A30-L100-XXX	A30A60-L100-XXX	A60A60-L100-XXX	A30A39-L100-XXX	A60A39-L100-XXX
RG58	A30A30-58-XXX	A30A60-58-XXX	A60A60-58-XXX	A30A39-58-XXX	A60A39-58-XXX
RG142	A30A30-142-XXX	A30A60-142-XXX	A60A60-142-XXX	A30A39-142-XXX	A60A39-142-XXX
RG223	A30A30-223-XXX	A30A60-223-XXX	A60A60-223-XXX	A30A39-223-XXX	A60A39-223-XXX
JB195	A30A30-L195-XXX	A30A60-L195-XXX	A60A60-L195-XXX	A30A39-L195-XXX	A60A39-L195-XXX
JB200	A30A30-L200-XXX			A30A39-L200-XXX	
JB240	A30A30-L240-XXX	A30A60-L240-XXX	A60A60-L240-XXX	A30A39-L240-XXX	A60A39-L240-XXX
JB400	A30A30-L400-XXX	A30A60-L400-XXX	A60A60-L400-XXX		
.085TIN-W-P-50	A30A30-85T-XXX	A30A60-85T-XXX	A60A60-85T-XXX	A30A39-85T-XXX	A60A39-85T-XXX
.141TIN-W-P-50	A30A30-141T-XXX	A30A60-141T-XXX	A60A60-141T-XXX	A30A39-141T-XXX	A60A39-141T-XXX
.085SRF-W-P-50	A30A30-85S-XXX	A30A60-85S-XXX	A60A60-85S-XXX	A30A39-85S-XXX	A60A39-85S-XXX
.141SRF-W-P-50	A30A30-141S-XXX	A30A60-141S-XXX	A60A60-141S-XXX	A30A39-141S-XXX	A60A39-141S-XXX
.085SRF-W-P-50-F	A30A30-85F-XXX			A30A39-85F-XXX	
.141SRF-W-P-50-F	A30A30-141F-XXX			A30A39-141F-XXX	
Cable	SMA Plug-SMA Reverse Polarity Plug Right Angle	SMA Reverse Polarity Plug-SMA Reverse Polarity Plug Right Angle	SMA Plug Right Angle-SMA Plug Right Angle	SMA Plug Right Angle-SMA Reverse Polarity Plug Right Angle	SMA Plug-SMA Jack
RG174	A30A69-174-XXX	A60A69-174-XXX	A39A39-174-XXX	A39A69-174-XXX	A30A80-174-XXX
RG316	A30A69-316-XXX	A60A69-316-XXX	A39A39-316-XXX	A39A69-316-XXX	A30A80-316-XXX
RD316	A30A69-316D-XXX	A60A69-316D-XXX	A39A39-316D-XXX	A39A69-316D-XXX	A30A80-316D-XXX
JB100	A30A69-L100-XXX	A60A69-L100-XXX	A39A39-L100-XXX	A39A69-L100-XXX	A30A80-L100-XXX
RG58	A30A69-58-XXX	A60A69-58-XXX	A39A39-58-XXX	A39A69-58-XXX	A30A80-58-XXX
RG142	A30A69-142-XXX	A60A69-142-XXX	A39A39-142-XXX	A39A69-142-XXX	A30A80-142-XXX
RG223	A30A69-223-XXX	A60A69-223-XXX	A39A39-223-XXX	A39A69-223-XXX	A30A80-223-XXX
JB195	A30A69-L195-XXX	A60A69-L195-XXX	A39A39-L195-XXX	A39A69-L195-XXX	A30A80-L195-XXX
JB240	A30A69-L240-XXX	A60A69-L240-XXX	A39A39-L240-XXX	A39A69-L240-XXX	A30A80-L240-XXX
JB400					A30A80-L400-XXX
.085TIN-W-P-50	A30A69-85T-XXX	A60A69-85T-XXX	A39A39-85T-XXX	A39A69-85T-XXX	A30A80-85T-XXX
.141TIN-W-P-50	A30A69-141T-XXX	A60A69-141T-XXX	A39A39-141T-XXX	A39A69-141T-XXX	A30A80-141T-XXX
.085SRF-W-P-50	A30A69-85S-XXX	A60A69-85S-XXX	A39A39-85S-XXX	A39A69-85S-XXX	A30A80-85S-XXX
.141SRF-W-P-50	A30A69-141S-XXX	A60A69-141S-XXX	A39A39-141S-XXX	A39A69-141S-XXX	A30A80-141S-XXX
Cable	SMA Reverse Polarity Plug-SMA Jack	SMA Plug-SMA Reverse Polarity Jack	SMA Reverse Polarity Plug-SMA Reverse Polarity Jack	SMA Plug-SMA Jack Bulkhead	SMA Plug-SMA Reverse Polarity Jack Bulkhead
RG174	A60A80-174-XXX	A30A90-174-XXX	A60A90-174-XXX	A30A85-174-XXX	A30A95-174-XXX
RG316	A60A80-316-XXX	A30A90-316-XXX	A60A90-316-XXX	A30A85-316-XXX	A30A95-316-XXX
RD316	A60A80-316D-XXX	A30A90-316D-XXX	A60A90-316D-XXX	A30A85-316D-XXX	A30A95-316D-XXX
JB100	A60A80-L100-XXX	A30A90-L100-XXX	A60A90-L100-XXX	A30A85-L100-XXX	A30A95-L100-XXX
RG58	A60A80-58-XXX	A30A90-58-XXX	A60A90-58-XXX	A30A85-58-XXX	A30A95-58-XXX
RG142	A60A80-142-XXX	A30A90-142-XXX	A60A90-142-XXX	A30A85-142-XXX	A30A95-142-XXX
RG223	A60A80-223-XXX	A30A90-223-XXX	A60A90-223-XXX	A30A85-223-XXX	A30A95-223-XXX
JB195	A60A80-L195-XXX	A30A90-L195-XXX	A60A90-L195-XXX	A30A85-L195-XXX	A30A95-L195-XXX
JB240	A60A80-L240-XXX	A30A90-L240-XXX	A60A90-L240-XXX	A30A85-L240-XXX	A30A95-L240-XXX
JB400	A60A80-L400-XXX	A30A90-L400-XXX	A60A90-L400-XXX		
.085TIN-W-P-50	A60A80-85T-XXX	A30A90-85T-XXX	A60A90-85T-XXX	A30A85-85T-XXX	A30A95-85T-XXX
.141TIN-W-P-50	A60A80-141T-XXX	A30A90-141T-XXX	A60A90-141T-XXX	A30A85-141T-XXX	A30A95-141T-XXX
.085SRF-W-P-50	A60A80-85S-XXX	A30A90-85S-XXX	A60A90-85S-XXX	A30A85-85S-XXX	A30A95-85S-XXX
.141SRF-W-P-50	A60A80-141S-XXX	A30A90-141S-XXX	A60A90-141S-XXX	A30A85-141S-XXX	A30A95-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Reverse Polarity Plug -SMA Jack Bulkhead	SMA Reverse Polarity Plug -SMA Reverse Polarity Jack Bulkhead	SMA Plug Right Angle-SMA Jack Bulkhead	SMA Plug Right Angle -SMA Reverse Polarity Jack Bulkhead	SMA Reverse Polarity Plug Right Angle -SMA Jack Bulkhead
RG174	A60A85-174-XXX	A60A95-174-XXX	A39A85-174-XXX	A39A95-174-XXX	A69A85-174-XXX
RG316	A60A85-316-XXX	A60A95-316-XXX	A39A85-316-XXX	A39A95-316-XXX	A69A85-316-XXX
RD316	A60A85-316D-XXX	A60A95-316D-XXX	A39A85-316D-XXX	A39A95-316D-XXX	A69A85-316D-XXX
JBY100	A60A85-L100-XXX	A60A95-L100-XXX	A39A85-L100-XXX	A39A95-L100-XXX	A69A85-L100-XXX
RG58	A60A85-58-XXX	A60A95-58-XXX	A39A85-58-XXX	A39A95-58-XXX	A69A85-58-XXX
RG142	A60A85-142-XXX	A60A95-142-XXX	A39A85-142-XXX	A39A95-142-XXX	A69A85-142-XXX
RG223	A60A85-223-XXX	A60A95-223-XXX	A39A85-223-XXX	A39A95-223-XXX	A69A85-223-XXX
JBY195	A60A85-L195-XXX	A60A95-L195-XXX	A39A85-L195-XXX	A39A95-L195-XXX	A69A85-L195-XXX
JBY240	A60A85-L240-XXX	A60A95-L240-XXX	A39A85-L240-XXX	A39A95-L240-XXX	A69A85-L240-XXX
.085TIN-W-P-50	A60A85-85T-XXX	A60A95-85T-XXX	A39A85-85T-XXX	A39A95-85T-XXX	A69A85-85T-XXX
.141TIN-W-P-50	A60A85-141T-XXX	A60A95-141T-XXX	A39A85-141T-XXX	A39A95-141T-XXX	A69A85-141T-XXX
.085SRF-W-P-50	A60A85-85S-XXX	A60A95-85S-XXX	A39A85-85S-XXX	A39A95-85S-XXX	A69A85-85S-XXX
.141SRF-W-P-50	A60A85-141S-XXX	A60A95-141S-XXX	A39A85-141S-XXX	A39A95-141S-XXX	A69A85-141S-XXX
Cable	SMA Reverse Polarity Plug Right Angle -SMA Reverse Polarity Jack Bulkhead	SMA Jack-SMA Jack	SMA Jack-SMA Reverse Polarity Jack	SMA Reverse Polarity Jack -SMA Reverse Polarity Jack	N Plug-N Plug
RG8					N30N30-8-XXX
RG213					N30N30-213-XXX
RG214					N30N30-214-XXX
RG174	A69A95-174-XXX	A80A80-174-XXX	A80A90-174-XXX	A90A90-174-XXX	
RG316	A69A95-316-XXX	A80A80-316-XXX	A80A90-316-XXX	A90A90-316-XXX	N30N30-316-XXX
RD316	A69A95-316D-XXX	A80A80-316D-XXX	A80A90-316D-XXX	A90A90-316D-XXX	N30N30-316D-XXX
JBY100	A69A95-L100-XXX	A80A80-L100-XXX	A80A90-L100-XXX	A90A90-L100-XXX	N30N30-L100-XXX
RG58	A69A95-58-XXX	A80A80-58-XXX	A80A90-58-XXX	A90A90-58-XXX	N30N30-58-XXX
RG59					N30N30-59-XXX
RG142	A69A95-142-XXX	A80A80-142-XXX	A80A90-142-XXX	A90A90-142-XXX	N30N30-142-XXX
RG223	A69A95-223-XXX	A80A80-223-XXX	A80A90-223-XXX	A90A90-223-XXX	N30N30-223-XXX
JBY195	A69A95-L195-XXX	A80A80-L195-XXX	A80A90-L195-XXX	A90A90-L195-XXX	N30N30-L195-XXX
JBY200					N30N30-L200-XXX
JBY240	A69A95-L240-XXX	A80A80-L240-XXX	A80A90-L240-XXX	A90A90-L240-XXX	N30N30-L240-XXX
JBY400		A80A80-L400-XXX	A80A90-L400-XXX	A90A90-L400-XXX	N30N30-L400-XXX
.085TIN-W-P-50	A69A95-85T-XXX	A80A80-85T-XXX	A80A90-85T-XXX	A90A90-85T-XXX	N30N30-85T-XXX
.141TIN-W-P-50	A69A95-141T-XXX	A80A80-141T-XXX	A80A90-141T-XXX	A90A90-141T-XXX	N30N30-141T-XXX
.085SRF-W-P-50	A69A95-85S-XXX	A80A80-85S-XXX	A80A90-85S-XXX	A90A90-85S-XXX	N30N30-85S-XXX
.141SRF-W-P-50	A69A95-141S-XXX	A80A80-141S-XXX	A80A90-141S-XXX	A90A90-141S-XXX	N30N30-141S-XXX
.085SRF-W-P-50-F					N30N30-85F-XXX
.141SRF-W-P-50-F					N30N30-141F-XXX
Cable	N Plug-N Plug Right Angle	N Plug Right Angle-N Plug Right Angle	N Plug-N Jack	N Plug-N Jack Bulkhead	N Plug Right Angle-N Jack Bulkhead
RG8	N30N39-8-XXX	N39N39-8-XXX	N30N80-8-XXX	N30N85-8-XXX	N39N85-8-XXX
RG213	N30N39-213-XXX	N39N39-213-XXX	N30N80-213-XXX	N30N85-213-XXX	N39N85-213-XXX
RG214	N30N39-214-XXX	N39N39-214-XXX	N30N80-214-XXX	N30N85-214-XXX	N39N85-214-XXX
RG316	N30N39-316-XXX	N39N39-316-XXX	N30N80-316-XXX	N30N85-316-XXX	N39N85-316-XXX
RD316	N30N39-316D-XXX	N39N39-316D-XXX	N30N80-316D-XXX	N30N85-316D-XXX	N39N85-316D-XXX
JBY100	N30N39-L100-XXX	N39N39-L100-XXX	N30N80-L100-XXX	N30N85-L100-XXX	N39N85-L100-XXX
RG58	N30N39-58-XXX	N39N39-58-XXX	N30N80-58-XXX	N30N85-58-XXX	N39N85-58-XXX
RG59	N30N39-59-XXX	N39N39-59-XXX	N30N80-59-XXX	N30N85-59-XXX	N39N85-59-XXX
RG142	N30N39-142-XXX	N39N39-142-XXX	N30N80-142-XXX	N30N85-142-XXX	N39N85-142-XXX
RG223	N30N39-223-XXX	N39N39-223-XXX	N30N80-223-XXX	N30N85-223-XXX	N39N85-223-XXX

*XXX= indicate required length in cm

Cable	N Plug-N Plug Right Angle	N Plug Right Angle-N Plug Right Angle	N Plug-N Jack	N Plug-N Jack Bulkhead	N Plug Right Angle-N Jack Bulkhead
JBYP195	N30N39-L195-XXX	N39N39-L195-XXX	N30N80-L195-XXX	N30N85-L195-XXX	N39N85-L195-XXX
JBYP240	N30N39-L240-XXX	N39N39-L240-XXX	N30N80-L240-XXX	N30N85-L240-XXX	N39N85-L240-XXX
JBYP400	N30N39-L400-XXX	N39N39-L400-XXX	N30N80-L400-XXX	N30N85-L400-XXX	N39N85-L400-XXX
.085TIN-W-P-50	N30N39-85T-XXX	N39N39-85T-XXX	N30N80-85T-XXX	N30N85-85T-XXX	N39N85-85T-XXX
.141TIN-W-P-50	N30N39-141T-XXX	N39N39-141T-XXX	N30N80-141T-XXX	N30N85-141T-XXX	N39N85-141T-XXX
.085SRF-W-P-50	N30N39-85S-XXX	N39N39-85S-XXX	N30N80-85S-XXX	N30N85-85S-XXX	N39N85-85S-XXX
.141SRF-W-P-50	N30N39-141S-XXX	N39N39-141S-XXX	N30N80-141S-XXX	N30N85-141S-XXX	N39N85-141S-XXX
Cable	N Jack-N Jack	TNC Plug-TNC Plug	TNC Plug-TNC Reverse Polarity Plug	TNC Reverse Polarity Plug -TNC Reverse Polarity Plug	TNC Plug-TNC Plug Right Angle
RG8	N80N80-8-XXX				
RG213	N80N80-213-XXX				
RG214	N80N80-214-XXX				
RG174		T30T30-174-XXX	T30T60-174-XXX	T60T60-174-XXX	T30T39-174-XXX
RG179		T30T30-179-XXX			T30T39-179-XXX
RG316	N80N80-316-XXX	T30T30-316-XXX	T30T60-316-XXX	T60T60-316-XXX	T30T39-316-XXX
RD316	N80N80-316D-XXX	T30T30-316D-XXX	T30T60-316D-XXX	T60T60-316D-XXX	T30T39-316D-XXX
JBYP100	N80N80-L100-XXX	T30T30-L100-XXX	T30T60-L100-XXX	T60T60-L100-XXX	T30T39-L100-XXX
RG58	N80N80-58-XXX	T30T30-58-XXX	T30T60-58-XXX	T60T60-58-XXX	T30T39-58-XXX
RG59	N80N80-59-XXX	T30T30-59-XXX			T30T39-59-XXX
RG142	N80N80-142-XXX	T30T30-142-XXX	T30T60-142-XXX	T60T60-142-XXX	T30T39-142-XXX
RG223	N80N80-223-XXX	T30T30-223-XXX	T30T60-223-XXX	T60T60-223-XXX	T30T39-223-XXX
JBYP195	N80N80-L195-XXX	T30T30-L195-XXX	T30T60-L195-XXX	T60T60-L195-XXX	T30T39-L195-XXX
JBYP240	N80N80-L240-XXX	T30T30-L240-XXX	T30T60-L240-XXX	T60T60-L240-XXX	T30T39-L240-XXX
JBYP400	N80N80-L400-XXX	T30T30-L400-XXX	T30T60-L400-XXX	T60T60-L400-XXX	
.085TIN-W-P-50	N80N80-85T-XXX	T30T30-85T-XXX	T30T60-85T-XXX	T60T60-85T-XXX	T30T39-85T-XXX
.141TIN-W-P-50	N80N80-141T-XXX	T30T30-141T-XXX	T30T60-141T-XXX	T60T60-141T-XXX	T30T39-141T-XXX
.085SRF-W-P-50	N80N80-85S-XXX	T30T30-85S-XXX	T30T60-85S-XXX	T60T60-85S-XXX	T30T39-85S-XXX
.141SRF-W-P-50	N80N80-141S-XXX	T30T30-141S-XXX	T30T60-141S-XXX	T60T60-141S-XXX	T30T39-141S-XXX
Cable	TNC Reverse Polarity Plug -TNC Plug Right Angle	TNC Plug Right Angle-TNC Plug Right Angle	TNC Plug-TNC Jack	TNC Reverse Polarity Plug -TNC Jack	TNC Plug-TNC Reverse Polarity Jack
RG174	T60T39-174-XXX	T39T39-174-XXX	T30T80-174-XXX	T60T80-174-XXX	T30T90-174-XXX
RG179		T39T39-179-XXX	T30T80-179-XXX		
RG316	T60T39-316-XXX	T39T39-316-XXX	T30T80-316-XXX	T60T80-316-XXX	T30T90-316-XXX
RD316	T60T39-316D-XXX	T39T39-316D-XXX	T30T80-316D-XXX	T60T80-316D-XXX	T30T90-316D-XXX
JBYP100	T60T39-L100-XXX	T39T39-L100-XXX	T30T80-L100-XXX	T60T80-L100-XXX	T30T90-L100-XXX
RG58	T60T39-58-XXX	T39T39-58-XXX	T30T80-58-XXX	T60T80-58-XXX	T30T90-58-XXX
RG59		T39T39-59-XXX	T30T80-59-XXX		
RG142	T60T39-142-XXX	T39T39-142-XXX	T30T80-142-XXX	T60T80-142-XXX	T30T90-142-XXX
RG223	T60T39-223-XXX	T39T39-223-XXX	T30T80-223-XXX	T60T80-223-XXX	T30T90-223-XXX
JBYP195	T60T39-L195-XXX	T39T39-L195-XXX	T30T80-L195-XXX	T60T80-L195-XXX	T30T90-L195-XXX
JBYP240	T60T39-L240-XXX	T39T39-L240-XXX			
JBYP400			T30T80-L400-XXX	T60T80-L400-XXX	T30T90-L400-XXX
.085TIN-W-P-50	T60T39-85T-XXX	T39T39-85T-XXX	T30T80-85T-XXX	T60T80-85T-XXX	T30T90-85T-XXX
.141TIN-W-P-50	T60T39-141T-XXX	T39T39-141T-XXX	T30T80-141T-XXX	T60T80-141T-XXX	T30T90-141T-XXX
.085SRF-W-P-50	T60T39-85S-XXX	T39T39-85S-XXX	T30T80-85S-XXX	T60T80-85S-XXX	T30T90-85S-XXX
.141SRF-W-P-50	T60T39-141S-XXX	T39T39-141S-XXX	T30T80-141S-XXX	T60T80-141S-XXX	T30T90-141S-XXX

*XXX= indicate required length in cm

Cable	TNC Reverse Polarity Plug -TNC Reverse Polarity Jack	TNC Plug- TNC Jack Bulkhead	TNC Reverse Polarity Plug - TNC Jack Bulkhead	TNC Plug- TNC Reverse Polarity Jack Bulkhead	TNC Reverse Polarity Plug - TNC Reverse Polarity Jack Bulkhead
RG174	T60T90-174-XXX	T30T85-174-XXX	T60T85-174-XXX	T30T95-174-XXX	T60T95-174-XXX
RG179		T30T85-179-XXX			
RG316	T60T90-316-XXX	T30T85-316-XXX	T60T85-316-XXX	T30T95-316-XXX	T60T95-316-XXX
RD316	T60T90-316D-XXX	T30T85-316D-XXX	T60T85-316D-XXX	T30T95-316D-XXX	T60T95-316D-XXX
JB100	T60T90-L100-XXX	T30T85-L100-XXX	T60T85-L100-XXX	T30T95-L100-XXX	T60T95-L100-XXX
RG58	T60T90-58-XXX	T30T85-58-XXX	T60T85-58-XXX	T30T95-58-XXX	T60T95-58-XXX
RG59		T30T85-59-XXX			
RG142	T60T90-142-XXX	T30T85-142-XXX	T60T85-142-XXX	T30T95-142-XXX	T60T95-142-XXX
RG223	T60T90-223-XXX	T30T85-223-XXX	T60T85-223-XXX	T30T95-223-XXX	T60T95-223-XXX
JB195	T60T90-L195-XXX	T30T85-L195-XXX	T60T85-L195-XXX	T30T95-L195-XXX	T60T95-L195-XXX
JB240		T30T85-L240-XXX	T60T85-L240-XXX	T30T95-L240-XXX	T60T95-L240-XXX
JB400	T60T90-L400-XXX				
.085TIN-W-P-50	T60T90-85T-XXX	T30T85-85T-XXX	T60T85-85T-XXX	T30T95-85T-XXX	T60T95-85T-XXX
.141TIN-W-P-50	T60T90-141T-XXX	T30T85-141T-XXX	T60T85-141T-XXX	T30T95-141T-XXX	T60T95-141T-XXX
.085SRF-W-P-50	T60T90-85S-XXX	T30T85-85S-XXX	T60T85-85S-XXX	T30T95-85S-XXX	T60T95-85S-XXX
.141SRF-W-P-50	T60T90-141S-XXX	T30T85-141S-XXX	T60T85-141S-XXX	T30T95-141S-XXX	T60T95-141S-XXX
Cable	TNC Plug Right Angle- TNC Jack Bulkhead	TNC Plug Right Angle- TNC Reverse Polarity Jack Bulkhead	TNC Jack-TNC Jack	TNC Jack-TNC Reverse Polarity Jack	TNC Reverse Polarity Jack -TNC Reverse Polarity Jack
RG174	T39T85-174-XXX	T39T95-174-XXX	T80T80-174-XXX	T80T90-174-XXX	T90T90-174-XXX
RG179	T39T85-179-XXX		T80T80-179-XXX		
RG316	T39T85-316-XXX	T39T95-316-XXX	T80T80-316-XXX	T80T90-316-XXX	T90T90-316-XXX
RD316	T39T85-316D-XXX	T39T95-316D-XXX	T80T80-316D-XXX	T80T90-316D-XXX	T90T90-316D-XXX
JB100	T39T85-L100-XXX	T39T95-L100-XXX	T80T80-L100-XXX	T80T90-L100-XXX	T90T90-L100-XXX
RG58	T39T85-58-XXX	T39T95-58-XXX	T80T80-58-XXX	T80T90-58-XXX	T90T90-58-XXX
RG59	T39T85-59-XXX		T80T80-59-XXX		
RG142	T39T85-142-XXX	T39T95-142-XXX	T80T80-142-XXX	T80T90-142-XXX	T90T90-142-XXX
RG223	T39T85-223-XXX	T39T95-223-XXX	T80T80-223-XXX	T80T90-223-XXX	T90T90-223-XXX
JB195	T39T85-L195-XXX	T39T95-L195-XXX	T80T80-L195-XXX	T80T90-L195-XXX	T90T90-L195-XXX
JB240	T39T85-L240-XXX	T39T95-L240-XXX			
JB400			T80T80-L400-XXX	T80T90-L400-XXX	T90T90-L400-XXX
.085TIN-W-P-50	T39T85-85T-XXX	T39T95-85T-XXX	T80T80-85T-XXX	T80T90-85T-XXX	T90T90-85T-XXX
.141TIN-W-P-50	T39T85-141T-XXX	T39T95-141T-XXX	T80T80-141T-XXX	T80T90-141T-XXX	T90T90-141T-XXX
.085SRF-W-P-50	T39T85-85S-XXX	T39T95-85S-XXX	T80T80-85S-XXX	T80T90-85S-XXX	T90T90-85S-XXX
.141SRF-W-P-50	T39T85-141S-XXX	T39T95-141S-XXX	T80T80-141S-XXX	T80T90-141S-XXX	T90T90-141S-XXX
Cable	BNC Plug-BNC Plug	BNC Plug-BNC Reverse Polarity Plug	BNC Reverse Polarity Plug -BNC Reverse Polarity Plug	BNC Plug-BNC Plug Right Angle	BNC Reverse Polarity Plug -BNC Plug Right Angle
RG174	B30B30-174-XXX	B30B60-174-XXX	B60B60-174-XXX	B30B39-174-XXX	B60B39-174-XXX
RG179	B30B30-179-XXX			B30B39-179-XXX	
RG316	B30B30-316-XXX	B30B60-316-XXX	B60B60-316-XXX	B30B39-316-XXX	B60B39-316-XXX
RD316	B30B30-316D-XXX	B30B60-316D-XXX	B60B60-316D-XXX	B30B39-316D-XXX	B60B39-316D-XXX
JB100	B30B30-L100-XXX	B30B60-L100-XXX	B60B60-L100-XXX	B30B39-L100-XXX	B60B39-L100-XXX
RG58	B30B30-58-XXX	B30B60-58-XXX	B60B60-58-XXX	B30B39-58-XXX	B60B39-58-XXX
RG59	B30B30-59-XXX			B30B39-59-XXX	
RG142	B30B30-142-XXX	B30B60-142-XXX	B60B60-142-XXX	B30B39-142-XXX	B60B39-142-XXX
RG223	B30B30-223-XXX	B30B60-223-XXX	B60B60-223-XXX	B30B39-223-XXX	B60B39-223-XXX
JB195	B30B30-L195-XXX	B30B60-L195-XXX	B60B60-L195-XXX	B30B39-L195-XXX	B60B39-L195-XXX

*XXX= indicate required length in cm

Cable	BNC Plug-BNC Plug	BNC Plug-BNC Reverse Polarity Plug	BNC Reverse Polarity Plug -BNC Reverse Polarity Plug	BNC Plug-BNC Plug Right Angle	BNC Reverse Polarity Plug -BNC Plug Right Angle
JBY240	B30B30-L240-XXX	B30B60-L240-XXX	B60B60-L240-XXX	B30B39-L240-XXX	B60B39-L240-XXX
JBY400	B30B30-L400-XXX	B30B60-L400-XXX	B60B60-L400-XXX		
.085TIN-W-P-50	B30B30-85T-XXX	B30B60-85T-XXX	B60B60-85T-XXX	B30B39-85T-XXX	B60B39-85T-XXX
.141TIN-W-P-50	B30B30-141T-XXX	B30B60-141T-XXX	B60B60-141T-XXX	B30B39-141T-XXX	B60B39-141T-XXX
.085SRF-W-P-50	B30B30-85S-XXX	B30B60-85S-XXX	B60B60-85S-XXX	B30B39-85S-XXX	B60B39-85S-XXX
.141SRF-W-P-50	B30B30-141S-XXX	B30B60-141S-XXX	B60B60-141S-XXX	B30B39-141S-XXX	B60B39-141S-XXX
Cable	BNC Plug Right Angle- BNC Plug Right Angle	BNC Plug-BNC Jack	BNC Reverse Polarity Plug -BNC Jack	BNC Plug-BNC Reverse Polarity Jack	BNC Reverse Polarity Plug -BNC Reverse Polarity Jack
RG174	B39B39-174-XXX	B30B80-174-XXX	B60B80-174-XXX	B30B90-174-XXX	B60B90-174-XXX
RG179	B39B39-179-XXX	B30B80-179-XXX			
RG316	B39B39-316-XXX	B30B80-316-XXX	B60B80-316-XXX	B30B90-316-XXX	B60B90-316-XXX
RD316	B39B39-316D-XXX	B30B80-316D-XXX	B60B80-316D-XXX	B30B90-316D-XXX	B60B90-316D-XXX
JBY100	B39B39-L100-XXX	B30B80-L100-XXX	B60B80-L100-XXX	B30B90-L100-XXX	B60B90-L100-XXX
RG58	B39B39-58-XXX	B30B80-58-XXX	B60B80-58-XXX	B30B90-58-XXX	B60B90-58-XXX
RG59	B39B39-59-XXX	B30B80-59-XXX			
RG142	B39B39-142-XXX	B30B80-142-XXX	B60B80-142-XXX	B30B90-142-XXX	B60B90-142-XXX
RG223	B39B39-223-XXX	B30B80-223-XXX	B60B80-223-XXX	B30B90-223-XXX	B60B90-223-XXX
JBY195	B39B39-L195-XXX	B30B80-L195-XXX	B60B80-L195-XXX	B30B90-L195-XXX	B60B90-L195-XXX
JBY240	B39B39-L240-XXX				
JBY400		B30B80-L400-XXX	B60B80-L400-XXX	B30B90-L400-XXX	B60B90-L400-XXX
.085TIN-W-P-50	B39B39-85T-XXX	B30B80-85T-XXX	B60B80-85T-XXX	B30B90-85T-XXX	B60B90-85T-XXX
.141TIN-W-P-50	B39B39-141T-XXX	B30B80-141T-XXX	B60B80-141T-XXX	B30B90-141T-XXX	B60B90-141T-XXX
.085SRF-W-P-50	B39B39-85S-XXX	B30B80-85S-XXX	B60B80-85S-XXX	B30B90-85S-XXX	B60B90-85S-XXX
.141SRF-W-P-50	B39B39-141S-XXX	B30B80-141S-XXX	B60B80-141S-XXX	B30B90-141S-XXX	B60B90-141S-XXX
Cable	BNC Plug- BNC Jack Bulkhead	BNC Reverse Polarity Plug - BNC Jack Bulkhead	BNC Plug- BNC Reverse Polarity Jack Bulkhead	BNC Reverse Polarity Plug - BNC Reverse Polarity Jack Bulkhead	BNC Plug Right Angle- BNC Jack Bulkhead
RG174	B30B85-174-XXX	B60B85-174-XXX	B30B95-174-XXX	B60B95-174-XXX	B39B85-174-XXX
RG179	B30B85-179-XXX				B39B85-179-XXX
RG316	B30B85-316-XXX	B60B85-316-XXX	B30B95-316-XXX	B60B95-316-XXX	B39B85-316-XXX
RD316	B30B85-316D-XXX	B60B85-316D-XXX	B30B95-316D-XXX	B60B95-316D-XXX	B39B85-316D-XXX
JBY100	B30B85-L100-XXX	B60B85-L100-XXX	B30B95-L100-XXX	B60B95-L100-XXX	B39B85-L100-XXX
RG58	B30B85-58-XXX	B60B85-58-XXX	B30B95-58-XXX	B60B95-58-XXX	B39B85-58-XXX
RG59	B30B85-59-XXX				B39B85-59-XXX
RG142	B30B85-142-XXX	B60B85-142-XXX	B30B95-142-XXX	B60B95-142-XXX	B39B85-142-XXX
RG223	B30B85-223-XXX	B60B85-223-XXX	B30B95-223-XXX	B60B95-223-XXX	B39B85-223-XXX
JBY195	B30B85-L195-XXX	B60B85-L195-XXX	B30B95-L195-XXX	B60B95-L195-XXX	B39B85-L195-XXX
JBY240	B30B85-L240-XXX	B60B85-L240-XXX	B30B95-L240-XXX	B60B95-L240-XXX	B39B85-L240-XXX
.085TIN-W-P-50	B30B85-85T-XXX	B60B85-85T-XXX	B30B95-85T-XXX	B60B95-85T-XXX	B39B85-85T-XXX
.141TIN-W-P-50	B30B85-141T-XXX	B60B85-141T-XXX	B30B95-141T-XXX	B60B95-141T-XXX	B39B85-141T-XXX
.085SRF-W-P-50	B30B85-85S-XXX	B60B85-85S-XXX	B30B95-85S-XXX	B60B95-85S-XXX	B39B85-85S-XXX
.141SRF-W-P-50	B30B85-141S-XXX	B60B85-141S-XXX	B30B95-141S-XXX	B60B95-141S-XXX	B39B85-141S-XXX

*XXX= indicate required length in cm

Cable	BNC Plug Right Angle- BNC Reverse Polarity Jack Bulkhead	BNC Jack-BNC Jack	BNC Jack -BNC Reverse Polarity Jack	BNC Reverse Polarity Jack -BNC Reverse Polarity Jack	SMB Plug-SMB Plug
RG174	B39B95-174-XXX	B80B80-174-XXX	B80B90-174-XXX	B90B90-174-XXX	S30S30-174-XXX
RG179		B80B80-179-XXX			S30S30-179-XXX
RG316	B39B95-316-XXX	B80B80-316-XXX	B80B90-316-XXX	B90B90-316-XXX	S30S30-316-XXX
RD316	B39B95-316D-XXX	B80B80-316D-XXX	B80B90-316D-XXX	B90B90-316D-XXX	S30S30-316D-XXX
JBYP100	B39B95-L100-XXX	B80B80-L100-XXX	B80B90-L100-XXX	B90B90-L100-XXX	S30S30-L100-XXX
RG58	B39B95-58-XXX	B80B80-58-XXX	B80B90-58-XXX	B90B90-58-XXX	S30S30-58-XXX
RG59		B80B80-59-XXX			
RG142	B39B95-142-XXX	B80B80-142-XXX	B80B90-142-XXX	B90B90-142-XXX	S30S30-142-XXX
RG223	B39B95-223-XXX	B80B80-223-XXX	B80B90-223-XXX	B90B90-223-XXX	S30S30-223-XXX
JBYP195	B39B95-L195-XXX	B80B80-L195-XXX	B80B90-L195-XXX	B90B90-L195-XXX	S30S30-L195-XXX
JBYP240	B39B95-L240-XXX				
JBYP400		B80B80-L400-XXX	B80B90-L400-XXX	B90B90-L400-XXX	
.085TIN-W-P-50	B39B95-85T-XXX	B80B80-85T-XXX	B80B90-85T-XXX	B90B90-85T-XXX	S30S30-85T-XXX
.141TIN-W-P-50	B39B95-141T-XXX	B80B80-141T-XXX	B80B90-141T-XXX	B90B90-141T-XXX	S30S30-141T-XXX
.085SRF-W-P-50	B39B95-85S-XXX	B80B80-85S-XXX	B80B90-85S-XXX	B90B90-85S-XXX	S30S30-85S-XXX
.141SRF-W-P-50	B39B95-141S-XXX	B80B80-141S-XXX	B80B90-141S-XXX	B90B90-141S-XXX	S30S30-141S-XXX
Cable	SMB Plug-SMB Plug Right Angle	SMB Plug Right Angle- SMB Plug Right Angle	SMB Plug-SMB Jack	SMB Plug- SMB Jack Bulkhead	SMB Plug Right Angle- SMB Jack Bulkhead
RG174	S30S39-174-XXX	S39S39-174-XXX	S30S80-174-XXX	S30S85-174-XXX	S39S85-174-XXX
RG179	S30S39-179-XXX	S39S39-179-XXX	S30S80-179-XXX	S30S85-179-XXX	S39S85-179-XXX
RG316	S30S39-316-XXX	S39S39-316-XXX	S30S80-316-XXX	S30S85-316-XXX	S39S85-316-XXX
RD316	S30S39-316D-XXX	S39S39-316D-XXX	S30S80-316D-XXX	S30S85-316D-XXX	S39S85-316D-XXX
JBYP100	S30S39-L100-XXX	S39S39-L100-XXX	S30S80-L100-XXX	S30S85-L100-XXX	S39S85-L100-XXX
RG58	S30S39-58-XXX	S39S39-58-XXX	S30S80-58-XXX		
RG59		S39S39-59-XXX			
RG142	S30S39-142-XXX	S39S39-142-XXX	S30S80-142-XXX		
RG223	S30S39-223-XXX	S39S39-223-XXX	S30S80-223-XXX		
JBYP195	S30S39-L195-XXX	S39S39-L195-XXX	S30S80-L195-XXX		
.085TIN-W-P-50	S30S39-85T-XXX	S39S39-85T-XXX	S30S80-85T-XXX	S30S85-85T-XXX	S39S85-85T-XXX
.141TIN-W-P-50	S30S39-141T-XXX	S39S39-141T-XXX	S30S80-141T-XXX	S30S85-141T-XXX	S39S85-141T-XXX
.085SRF-W-P-50	S30S39-85S-XXX	S39S39-85S-XXX	S30S80-85S-XXX	S30S85-85S-XXX	S39S85-85S-XXX
.141SRF-W-P-50	S30S39-141S-XXX	S39S39-141S-XXX	S30S80-141S-XXX	S30S85-141S-XXX	S39S85-141S-XXX
Cable	SMB Jack-SMB Jack	SMC Plug-SMC Plug	SMC Plug-SMC Plug Right Angle	SMC Plug Right Angle- SMC Plug Right Angle	SMC Plug-SMC Jack
RG174	S80S80-174-XXX	MC30MC30-174-XXX	MC30MC39-174-XXX	MC39MC39-174-XXX	MC30MC80-174-XXX
RG179	S80S80-179-XXX	MC30MC30-179-XXX	MC30MC39-179-XXX	MC39MC39-179-XXX	
RG316	S80S80-316-XXX	MC30MC30-316-XXX	MC30MC39-316-XXX	MC39MC39-316-XXX	MC30MC80-316-XXX
RD316	S80S80-316D-XXX	MC30MC30-316D-XXX	MC30MC39-316D-XXX	MC39MC39-316D-XXX	MC30MC80-316D-XXX
JBYP100	S80S80-L100-XXX	MC30MC30-L100-XXX	MC30MC39-L100-XXX	MC39MC39-L100-XXX	MC30MC80-L100-XXX
RG58	S80S80-58-XXX	MC30MC30-58-XXX	MC30MC39-58-XXX	MC39MC39-58-XXX	MC30MC80-58-XXX
RG59				MC39MC39-59-XXX	
RG142	S80S80-142-XXX	MC30MC30-142-XXX	MC30MC39-142-XXX	MC39MC39-142-XXX	MC30MC80-142-XXX
RG223	S80S80-223-XXX	MC30MC30-223-XXX	MC30MC39-223-XXX	MC39MC39-223-XXX	MC30MC80-223-XXX
JBYP195	S80S80-L195-XXX	MC30MC30-L195-XXX	MC30MC39-L195-XXX	MC39MC39-L195-XXX	MC30MC80-L195-XXX
.085TIN-W-P-50	S80S80-85T-XXX	MC30MC30-85T-XXX	MC30MC39-85T-XXX	MC39MC39-85T-XXX	MC30MC80-85T-XXX
.141TIN-W-P-50	S80S80-141T-XXX	MC30MC30-141T-XXX	MC30MC39-141T-XXX	MC39MC39-141T-XXX	MC30MC80-141T-XXX
.085SRF-W-P-50	S80S80-85S-XXX	MC30MC30-85S-XXX	MC30MC39-85S-XXX	MC39MC39-85S-XXX	MC30MC80-85S-XXX
.141SRF-W-P-50	S80S80-141S-XXX	MC30MC30-141S-XXX	MC30MC39-141S-XXX	MC39MC39-141S-XXX	MC30MC80-141S-XXX

*XXX= indicate required length in cm

Cable	SMC Plug- SMC Jack Bulkhead	SMC Plug Right Angle- SMC Jack Bulkhead	SMC Jack-SMC Jack	MMCX Plug-MMCX Plug	MMCX Plug-MMCX Plug Right Angle
RG174	MC30MC85-174-XXX	MC39MC85-174-XXX	MC80MC80-174-XXX	E30E30-174-XXX	E30E39-174-XXX
RG178				E30E30-178-XXX	E30E39-178-XXX
RG179	MC30MC85-179-XXX	MC39MC85-179-XXX	MC80MC80-179-XXX		
RG316	MC30MC85-316-XXX	MC39MC85-316-XXX	MC80MC80-316-XXX	E30E30-316-XXX	E30E39-316-XXX
RD316	MC30MC85-316D-XXX	MC39MC85-316D-XXX	MC80MC80-316D-XXX	E30E30-316D-XXX	E30E39-316D-XXX
JBY100	MC30MC85-L100-XXX	MC39MC85-L100-XXX	MC80MC80-L100-XXX	E30E30-L100-XXX	E30E39-L100-XXX
RG58			MC80MC80-58-XXX		
RG142			MC80MC80-142-XXX		
RG223			MC80MC80-223-XXX		
JBY195			MC80MC80-L195-XXX		
.047TIN-W-P-50				E30E30-47T-XXX	E30E39-47T-XXX
.085TIN-W-P-50	MC30MC85-85T-XXX	MC39MC85-85T-XXX	MC80MC80-85T-XXX	E30E30-85T-XXX	E30E39-85T-XXX
.141TIN-W-P-50	MC30MC85-141T-XXX	MC39MC85-141T-XXX	MC80MC80-141T-XXX		
.047SRF-W-P-50				E30E30-47S-XXX	E30E39-47S-XXX
.085SRF-W-P-50	MC30MC85-85S-XXX	MC39MC85-85S-XXX	MC80MC80-85S-XXX	E30E30-85S-XXX	E30E39-85S-XXX
.141SRF-W-P-50	MC30MC85-141S-XXX	MC39MC85-141S-XXX	MC80MC80-141S-XXX		
Cable	MMCX Plug Right Angle- MMCX Plug Right Angle	MMCX Plug-MMCX Jack	MMCX Plug- MMCX Jack Bulkhead	MMCX Plug Right Angle- MMCX Jack Bulkhead	MMCX Jack-MMCX Jack
RG174	E39E39-174-XXX	E30E80-174-XXX			E80E80-174-XXX
RG178	E39E39-178-XXX	E30E80-178-XXX	E30E85-178-XXX	E39E85-178-XXX	E80E80-178-XXX
RG316	E39E39-316-XXX	E30E80-316-XXX			E80E80-316-XXX
RD316	E39E39-316D-XXX	E30E80-316D-XXX			E80E80-316D-XXX
JBY100	E39E39-L100-XXX	E30E80-L100-XXX			E80E80-L100-XXX
.047TIN-W-P-50	E39E39-47T-XXX	E30E80-47T-XXX	E30E85-47T-XXX	E39E85-47T-XXX	E80E80-47T-XXX
.085TIN-W-P-50	E39E39-85T-XXX		E30E85-85T-XXX	E39E85-85T-XXX	
.047SRF-W-P-50	E39E39-47S-XXX	E30E80-47S-XXX	E30E85-47S-XXX	E39E85-47S-XXX	E80E80-47S-XXX
.085SRF-W-P-50	E39E39-85S-XXX		E30E85-85S-XXX	E39E85-85S-XXX	
Cable	MCX Plug-MCX Plug	MCX Plug-MCX Plug Right Angle	MCX Plug Right Angle- MCX Plug Right Angle	MCX Plug-MCX Jack	MCX Plug- MCX Jack Bulkhead
RG174	D30D30-174-XXX	D30D39-174-XXX	D39D39-174-XXX	D30D80-174-XXX	D30D85-174-XXX
RG178	D30D30-178-XXX	D30D39-178-XXX	D39D39-178-XXX	D30D80-178-XXX	
RG179	D30D30-179-XXX	D30D39-179-XXX	D39D39-179-XXX	D30D80-179-XXX	D30D85-179-XXX
RG316	D30D30-316-XXX	D30D39-316-XXX	D39D39-316-XXX	D30D80-316-XXX	D30D85-316-XXX
RD316	D30D30-316D-XXX	D30D39-316D-XXX	D39D39-316D-XXX	D30D80-316D-XXX	D30D85-316D-XXX
JBY100	D30D30-L100-XXX	D30D39-L100-XXX	D39D39-L100-XXX	D30D80-L100-XXX	D30D85-L100-XXX
RG58	D30D30-58-XXX	D30D39-58-XXX	D39D39-58-XXX		
RG59			D39D39-59-XXX		
RG142	D30D30-142-XXX	D30D39-142-XXX	D39D39-142-XXX		
RG223	D30D30-223-XXX	D30D39-223-XXX	D39D39-223-XXX		
JBY195	D30D30-L195-XXX	D30D39-L195-XXX	D39D39-L195-XXX		
.085TIN-W-P-50	D30D30-85T-XXX	D30D39-85T-XXX	D39D39-85T-XXX	D30D80-85T-XXX	
.141TIN-W-P-50	D30D30-141T-XXX	D30D39-141T-XXX	D39D39-141T-XXX	D30D80-141T-XXX	
.085SRF-W-P-50	D30D30-85S-XXX	D30D39-85S-XXX	D39D39-85S-XXX	D30D80-85S-XXX	
.141SRF-W-P-50	D30D30-141S-XXX	D30D39-141S-XXX	D39D39-141S-XXX	D30D80-141S-XXX	
.085SRF-W-P-50-F	D30D30-85F-XXX	D30D39-85F-XXX	D39D39-85F-XXX		

*XXX= indicate required length in cm

Cable	MCX Plug Right Angle-MCX Jack Bulkhead	MCX Jack-MCX Jack	MHV Plug-MHV Plug	MHV Plug-MHV Plug Right Angle	MHV Plug-MHV Jack
RG174	D39D85-174-XXX	D80D80-174-XXX			
RG178		D80D80-178-XXX			
RG179	D39D85-179-XXX	D80D80-179-XXX			
RG316	D39D85-316-XXX	D80D80-316-XXX			
RD316	D39D85-316D-XXX	D80D80-316D-XXX			
JBY100	D39D85-L100-XXX	D80D80-L100-XXX			
RG58			H30H30-58-XXX	H30H39-58-XXX	H30H80-58-XXX
RG59			H30H30-59-XXX		H30H80-59-XXX
RG142			H30H30-142-XXX		
RG223			H30H30-223-XXX		
.085TIN-W-P-50		D80D80-85T-XXX			
.141TIN-W-P-50		D80D80-141T-XXX			
.085SRF-W-P-50		D80D80-85S-XXX			
.141SRF-W-P-50		D80D80-141S-XXX			
Cable	SHV Plug-SHV Plug	SHV Plug-SHV Plug Right Angle	SHV Plug-SHV Jack	HN Plug-HN Plug	HN Plug-HN Plug Right Angle
RG58	V30V30-58-XXX	V30V39-58-XXX	V30V80-58-XXX	HN30HN30-58-XXX	HN30HN39-58-XXX
RG59	V30V30-59-XXX	V30V39-59-XXX	V30V80-59-XXX		
RG142	V30V30-142-XXX				
RG223	V30V30-223-XXX				
RG213				HN30HN30-213-XXX	
RG214				HN30HN30-214-XXX	HN30HN39-214-XXX
Cable	SMA Plug-IPEX* Plug Right angle	SMA Reverse Polarity Plug -IPEX* Plug Right Angle	SMA Jack-IPEX* Plug Right Angle	SMA Jack Bulkhead-IPEX* Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-IPEX* Plug Right Angle
RG178	A30UFL-178-XXX	A60UFL-178-XXX	A80UFL-178-XXX	A85UFL-178-XXX	A95UFL-178-XXX
0.8MM				A85UFL-0.8-XXX	
1.13MM				A85UFL-1.13-XXX	
Cable	SMA Plug-N Plug	SMA Reverse Polarity Plug -N Plug	SMA Plug-N Plug Right Angle	SMA Reverse Polarity Plug -N Plug Right Angle	SMA Plug Right Angle-N Plug
RG213	A30N30-213-XXX	A60N30-213-XXX	A30N39-213-XXX	A60N39-213-XXX	
RG214	A30N30-214-XXX	A60N30-214-XXX	A30N39-214-XXX	A60N39-214-XXX	
RG174	A30N30-174-XXX	A60N30-174-XXX	A30N39-174-XXX	A60N39-174-XXX	A39N30-174-XXX
RG316	A30N30-316-XXX	A60N30-316-XXX	A30N39-316-XXX	A60N39-316-XXX	A39N30-316-XXX
RD316	A30N30-316D-XXX	A60N30-316D-XXX	A30N39-316D-XXX	A60N39-316D-XXX	A39N30-316D-XXX
JBY100	A30N30-L100-XXX	A60N30-L100-XXX	A30N39-L100-XXX	A60N39-L100-XXX	A39N30-L100-XXX
RG58	A30N30-58-XXX	A60N30-58-XXX	A30N39-58-XXX	A60N39-58-XXX	A39N30-58-XXX
RG142	A30N30-142-XXX	A60N30-142-XXX	A30N39-142-XXX	A60N39-142-XXX	A39N30-142-XXX
RG223	A30N30-223-XXX	A60N30-223-XXX	A30N39-223-XXX	A60N39-223-XXX	A39N30-223-XXX
JBY195	A30N30-L195-XXX	A60N30-L195-XXX	A30N39-L195-XXX	A60N39-L195-XXX	A39N30-L195-XXX
JBY200	A30N30-L200-XXX				A39N30-L200-XXX
JBY240	A30N30-L240-XXX	A60N30-L240-XXX	A30N39-L240-XXX	A60N39-L240-XXX	A39N30-L240-XXX
JBY400	A30N30-L400-XXX	A60N30-L400-XXX	A30N39-L400-XXX	A60N39-L400-XXX	
.085TIN-W-P-50	A30N30-85T-XXX	A60N30-85T-XXX	A30N39-85T-XXX	A60N39-85T-XXX	A39N30-85T-XXX
.141TIN-W-P-50	A30N30-141T-XXX	A60N30-141T-XXX	A30N39-141T-XXX	A60N39-141T-XXX	A39N30-141T-XXX
.085SRF-W-P-50	A30N30-85S-XXX	A60N30-85S-XXX	A30N39-85S-XXX	A60N39-85S-XXX	A39N30-85S-XXX
.141SRF-W-P-50	A30N30-141S-XXX	A60N30-141S-XXX	A30N39-141S-XXX	A60N39-141S-XXX	A39N30-141S-XXX
.085SRF-W-P-50-F	A30N30-85F-XXX				A39N30-85F-XXX
.141SRF-W-P-50-F	A30N30-141F-XXX				A39N30-141F-XXX

*IPEX='MHF' series are intermateable with Hirose 'UFL' series

*XXX= indicate required length in cm

Cable	SMA Plug Right Angle-N Plug Right Angle	SMA Plug-N Jack	SMA Reverse Polarity Plug -N Jack	SMA Jack-N Plug	SMA Reverse Polarity Jack -N Plug
RG213		A30N80-213-XXX	A60N80-213-XXX		
RG214		A30N80-214-XXX	A60N80-214-XXX		
RG174	A39N39-174-XXX	A30N80-174-XXX	A60N80-174-XXX	A80N30-174-XXX	A90N30-174-XXX
RG316	A39N39-316-XXX	A30N80-316-XXX	A60N80-316-XXX	A80N30-316-XXX	A90N30-316-XXX
RD316	A39N39-316D-XXX	A30N80-316D-XXX	A60N80-316D-XXX	A80N30-316D-XXX	A90N30-316D-XXX
JBY100	A39N39-L100-XXX	A30N80-L100-XXX	A60N80-L100-XXX	A80N30-L100-XXX	A90N30-L100-XXX
RG58	A39N39-58-XXX	A30N80-58-XXX	A60N80-58-XXX	A80N30-58-XXX	A90N30-58-XXX
RG142	A39N39-142-XXX	A30N80-142-XXX	A60N80-142-XXX	A80N30-142-XXX	A90N30-142-XXX
RG223	A39N39-223-XXX	A30N80-223-XXX	A60N80-223-XXX	A80N30-223-XXX	A90N30-223-XXX
JBY195	A39N39-L195-XXX	A30N80-L195-XXX	A60N80-L195-XXX	A80N30-L195-XXX	A90N30-L195-XXX
JBY240	A39N39-L240-XXX	A30N80-L240-XXX	A60N80-L240-XXX	A80N30-L240-XXX	A90N30-L240-XXX
JBY400		A30N80-L400-XXX	A60N80-L400-XXX	A80N30-L400-XXX	A90N30-L400-XXX
.085TIN-W-P-50	A39N39-85T-XXX	A30N80-85T-XXX	A60N80-85T-XXX	A80N30-85T-XXX	A90N30-85T-XXX
.141TIN-W-P-50	A39N39-141T-XXX	A30N80-141T-XXX	A60N80-141T-XXX	A80N30-141T-XXX	A90N30-141T-XXX
.085SRF-W-P-50	A39N39-85S-XXX	A30N80-85S-XXX	A60N80-85S-XXX	A80N30-85S-XXX	A90N30-85S-XXX
.141SRF-W-P-50	A39N39-141S-XXX	A30N80-141S-XXX	A60N80-141S-XXX	A80N30-141S-XXX	A90N30-141S-XXX
Cable	SMA Plug- N Jack Bulkhead	SMA Reverse Polarity Plug - N Jack Bulkhead	SMA Plug Right Angle- N Jack Bulkhead	SMA Jack Bulkhead-N Plug	SMA Reverse Polarity Jack Bulkhead-N Plug
RG213	A30N85-213-XXX	A60N85-213-XXX			
RG214	A30N85-214-XXX	A60N85-214-XXX			
RG174	A30N85-174-XXX	A60N85-174-XXX	A39N85-174-XXX	A85N30-174-XXX	A95N30-174-XXX
RG316	A30N85-316-XXX	A60N85-316-XXX	A39N85-316-XXX	A85N30-316-XXX	A95N30-316-XXX
RD316	A30N85-316D-XXX	A60N85-316D-XXX	A39N85-316D-XXX	A85N30-316D-XXX	A95N30-316D-XXX
JBY100	A30N85-L100-XXX	A60N85-L100-XXX	A39N85-L100-XXX	A85N30-L100-XXX	A95N30-L100-XXX
RG58	A30N85-58-XXX	A60N85-58-XXX	A39N85-58-XXX	A85N30-58-XXX	A95N30-58-XXX
RG142	A30N85-142-XXX	A60N85-142-XXX	A39N85-142-XXX	A85N30-142-XXX	A95N30-142-XXX
RG223	A30N85-223-XXX	A60N85-223-XXX	A39N85-223-XXX	A85N30-223-XXX	A95N30-223-XXX
JBY195	A30N85-L195-XXX	A60N85-L195-XXX	A39N85-L195-XXX	A85N30-L195-XXX	A95N30-L195-XXX
JBY240	A30N85-L240-XXX	A60N85-L240-XXX	A39N85-L240-XXX	A85N30-L240-XXX	A95N30-L240-XXX
JBY400	A30N85-L400-XXX	A60N85-L400-XXX			
.085TIN-W-P-50	A30N85-85T-XXX	A60N85-85T-XXX	A39N85-85T-XXX	A85N30-85T-XXX	A95N30-85T-XXX
.141TIN-W-P-50	A30N85-141T-XXX	A60N85-141T-XXX	A39N85-141T-XXX	A85N30-141T-XXX	A95N30-141T-XXX
.085SRF-W-P-50	A30N85-85S-XXX	A60N85-85S-XXX	A39N85-85S-XXX	A85N30-85S-XXX	A95N30-85S-XXX
.141SRF-W-P-50	A30N85-141S-XXX	A60N85-141S-XXX	A39N85-141S-XXX	A85N30-141S-XXX	A95N30-141S-XXX
Cable	SMA Jack Bulkhead-N Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-N Plug Right Angle	SMA Jack-N Jack	SMA Reverse Polarity Jack -N Jack	SMA Plug-BNC Plug
RG174	A85N39-174-XXX	A95N39-174-XXX	A80N80-174-XXX	A90N80-174-XXX	A30B30-174-XXX
RG316	A85N39-316-XXX	A95N39-316-XXX	A80N80-316-XXX	A90N80-316-XXX	A30B30-316-XXX
RD316	A85N39-316D-XXX	A95N39-316D-XXX	A80N80-316D-XXX	A90N80-316D-XXX	A30B30-316D-XXX
JBY100	A85N39-L100-XXX	A95N39-L100-XXX	A80N80-L100-XXX	A90N80-L100-XXX	A30B30-L100-XXX
RG58	A85N39-58-XXX	A95N39-58-XXX	A80N80-58-XXX	A90N80-58-XXX	A30B30-58-XXX
RG142	A85N39-142-XXX	A95N39-142-XXX	A80N80-142-XXX	A90N80-142-XXX	A30B30-142-XXX
RG223	A85N39-223-XXX	A95N39-223-XXX	A80N80-223-XXX	A90N80-223-XXX	A30B30-223-XXX
JBY195	A85N39-L195-XXX	A95N39-L195-XXX	A80N80-L195-XXX	A90N80-L195-XXX	A30B30-L195-XXX
JBY240	A85N39-L240-XXX	A95N39-L240-XXX	A80N80-L240-XXX	A90N80-L240-XXX	A30B30-L240-XXX
JBY400			A80N80-L400-XXX	A90N80-L400-XXX	A30B30-L400-XXX
.085TIN-W-P-50	A85N39-85T-XXX	A95N39-85T-XXX	A80N80-85T-XXX	A90N80-85T-XXX	A30B30-85T-XXX
.141TIN-W-P-50	A85N39-141T-XXX	A95N39-141T-XXX	A80N80-141T-XXX	A90N80-141T-XXX	A30B30-141T-XXX
.085SRF-W-P-50	A85N39-85S-XXX	A95N39-85S-XXX	A80N80-85S-XXX	A90N80-85S-XXX	A30B30-85S-XXX
.141SRF-W-P-50	A85N39-141S-XXX	A95N39-141S-XXX	A80N80-141S-XXX	A90N80-141S-XXX	A30B30-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Reverse Polarity Plug -BNC Plug	SMA Plug-BNC Reverse Polarity Plug	SMA Reverse Polarity Plug -BNC Reverse Polarity Plug	SMA Plug-BNC Plug Right Angle	SMA Reverse Polarity Plug -BNC Plug Right Angle
RG174	A60B30-174-XXX	A30B60-174-XXX	A60B60-174-XXX	A30B39-174-XXX	A60B39-174-XXX
RG316	A60B30-316-XXX	A30B60-316-XXX	A60B60-316-XXX	A30B39-316-XXX	A60B39-316-XXX
RD316	A60B30-316D-XXX	A30B60-316D-XXX	A60B60-316D-XXX	A30B39-316D-XXX	A60B39-316D-XXX
JBY100	A60B30-L100-XXX	A30B60-L100-XXX	A60B60-L100-XXX	A30B39-L100-XXX	A60B39-L100-XXX
RG58	A60B30-58-XXX	A30B60-58-XXX	A60B60-58-XXX	A30B39-58-XXX	A60B39-58-XXX
RG142	A60B30-142-XXX	A30B60-142-XXX	A60B60-142-XXX	A30B39-142-XXX	A60B39-142-XXX
RG223	A60B30-223-XXX	A30B60-223-XXX	A60B60-223-XXX	A30B39-223-XXX	A60B39-223-XXX
JBY195	A60B30-L195-XXX	A30B60-L195-XXX	A60B60-L195-XXX	A30B39-L195-XXX	A60B39-L195-XXX
JBY240	A60B30-L240-XXX	A30B60-L240-XXX	A60B60-L240-XXX	A30B39-L240-XXX	A60B39-L240-XXX
JBY400	A60B30-L400-XXX	A30B60-L400-XXX	A60B60-L400-XXX		
.085TIN-W-P-50	A60B30-85T-XXX	A30B60-85T-XXX	A60B60-85T-XXX	A30B39-85T-XXX	A60B39-85T-XXX
.141TIN-W-P-50	A60B30-141T-XXX	A30B60-141T-XXX	A60B60-141T-XXX	A30B39-141T-XXX	A60B39-141T-XXX
.085SRF-W-P-50	A60B30-85S-XXX	A30B60-85S-XXX	A60B60-85S-XXX	A30B39-85S-XXX	A60B39-85S-XXX
.141SRF-W-P-50	A60B30-141S-XXX	A30B60-141S-XXX	A60B60-141S-XXX	A30B39-141S-XXX	A60B39-141S-XXX
Cable	SMA Plug Right Angle-BNC Plug	SMA Plug Right Angle-BNC Reverse Polarity Plug	SMA Plug-BNC Jack	SMA Reverse Polarity Plug-BNC Jack	SMA Plug-BNC Reverse Polarity Jack
RG174	A39B30-174-XXX	A39B60-174-XXX	A30B80-174-XXX	A60B80-174-XXX	A30B90-174-XXX
RG316	A39B30-316-XXX	A39B60-316-XXX	A30B80-316-XXX	A60B80-316-XXX	A30B90-316-XXX
RD316	A39B30-316D-XXX	A39B60-316D-XXX	A30B80-316D-XXX	A60B80-316D-XXX	A30B90-316D-XXX
JBY100	A39B30-L100-XXX	A39B60-L100-XXX	A30B80-L100-XXX	A60B80-L100-XXX	A30B90-L100-XXX
RG58	A39B30-58-XXX	A39B60-58-XXX	A30B80-58-XXX	A60B80-58-XXX	A30B90-58-XXX
RG142	A39B30-142-XXX	A39B60-142-XXX	A30B80-142-XXX	A60B80-142-XXX	A30B90-142-XXX
RG223	A39B30-223-XXX	A39B60-223-XXX	A30B80-223-XXX	A60B80-223-XXX	A30B90-223-XXX
JBY195	A39B30-L195-XXX	A39B60-L195-XXX	A30B80-L195-XXX	A60B80-L195-XXX	A30B90-L195-XXX
JBY240	A39B30-L240-XXX	A39B60-L240-XXX			
JBY400			A30B80-L400-XXX	A60B80-L400-XXX	A30B90-L400-XXX
.085TIN-W-P-50	A39B30-85T-XXX	A39B60-85T-XXX	A30B80-85T-XXX	A60B80-85T-XXX	A30B90-85T-XXX
.141TIN-W-P-50	A39B30-141T-XXX	A39B60-141T-XXX	A30B80-141T-XXX	A60B80-141T-XXX	A30B90-141T-XXX
.085SRF-W-P-50	A39B30-85S-XXX	A39B60-85S-XXX	A30B80-85S-XXX	A60B80-85S-XXX	A30B90-85S-XXX
.141SRF-W-P-50	A39B30-141S-XXX	A39B60-141S-XXX	A30B80-141S-XXX	A60B80-141S-XXX	A30B90-141S-XXX
Cable	SMA Reverse Polarity Plug -BNC Reverse Polarity Jack	SMA Jack-BNC Plug	SMA Reverse Polarity Jack -BNC Plug	SMA Jack-BNC Reverse Polarity Plug	SMA Reverse Polarity Jack -BNC Reverse Polarity Plug
RG174	A60B90-174-XXX	A80B30-174-XXX	A90B30-174-XXX	A80B60-174-XXX	A90B60-174-XXX
RG316	A60B90-316-XXX	A80B30-316-XXX	A90B30-316-XXX	A80B60-316-XXX	A90B60-316-XXX
RD316	A60B90-316D-XXX	A80B30-316D-XXX	A90B30-316D-XXX	A80B60-316D-XXX	A90B60-316D-XXX
JBY100	A60B90-L100-XXX	A80B30-L100-XXX	A90B30-L100-XXX	A80B60-L100-XXX	A90B60-L100-XXX
RG58	A60B90-58-XXX	A80B30-58-XXX	A90B30-58-XXX	A80B60-58-XXX	A90B60-58-XXX
RG142	A60B90-142-XXX	A80B30-142-XXX	A90B30-142-XXX	A80B60-142-XXX	A90B60-142-XXX
RG223	A60B90-223-XXX	A80B30-223-XXX	A90B30-223-XXX	A80B60-223-XXX	A90B60-223-XXX
JBY195	A60B90-L195-XXX	A80B30-L195-XXX	A90B30-L195-XXX	A80B60-L195-XXX	A90B60-L195-XXX
JBY240		A80B30-L240-XXX	A90B30-L240-XXX	A80B60-L240-XXX	A90B60-L240-XXX
JBY400	A60B90-L400-XXX	A80B30-L400-XXX	A90B30-L400-XXX	A80B60-L400-XXX	A90B60-L400-XXX
.085TIN-W-P-50	A60B90-85T-XXX	A80B30-85T-XXX	A90B30-85T-XXX	A80B60-85T-XXX	A90B60-85T-XXX
.141TIN-W-P-50	A60B90-141T-XXX	A80B30-141T-XXX	A90B30-141T-XXX	A80B60-141T-XXX	A90B60-141T-XXX
.085SRF-W-P-50	A60B90-85S-XXX	A80B30-85S-XXX	A90B30-85S-XXX	A80B60-85S-XXX	A90B60-85S-XXX
.141SRF-W-P-50	A60B90-141S-XXX	A80B30-141S-XXX	A90B30-141S-XXX	A80B60-141S-XXX	A90B60-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Plug- BNC Jack Bulkhead	SMA Reverse Polarity Plug - BNC Jack Bulkhead	SMA Plug- BNC Reverse Polarity Jack Bulkhead	SMA Reverse Polarity Plug - BNC Reverse Polarity Jack Bulkhead	SMA Plug Right Angle- BNC Jack Bulkhead
RG174	A30B85-174-XXX	A60B85-174-XXX	A30B95-174-XXX	A60B95-174-XXX	A39B85-174-XXX
RG316	A30B85-316-XXX	A60B85-316-XXX	A30B95-316-XXX	A60B95-316-XXX	A39B85-316-XXX
RD316	A30B85-316D-XXX	A60B85-316D-XXX	A30B95-316D-XXX	A60B95-316D-XXX	A39B85-316D-XXX
JBY100	A30B85-L100-XXX	A60B85-L100-XXX	A30B95-L100-XXX	A60B95-L100-XXX	A39B85-L100-XXX
RG58	A30B85-58-XXX	A60B85-58-XXX	A30B95-58-XXX	A60B95-58-XXX	A39B85-58-XXX
RG142	A30B85-142-XXX	A60B85-142-XXX	A30B95-142-XXX	A60B95-142-XXX	A39B85-142-XXX
RG223	A30B85-223-XXX	A60B85-223-XXX	A30B95-223-XXX	A60B95-223-XXX	A39B85-223-XXX
JBY195	A30B85-L195-XXX	A60B85-L195-XXX	A30B95-L195-XXX	A60B95-L195-XXX	A39B85-L195-XXX
JBY240	A30B85-L240-XXX	A60B85-L240-XXX	A30B95-L240-XXX	A60B95-L240-XXX	A39B85-L240-XXX
.085TIN-W-P-50	A30B85-85T-XXX	A60B85-85T-XXX	A30B95-85T-XXX	A60B95-85T-XXX	A39B85-85T-XXX
.141TIN-W-P-50	A30B85-141T-XXX	A60B85-141T-XXX	A30B95-141T-XXX	A60B95-141T-XXX	A39B85-141T-XXX
.085SRF-W-P-50	A30B85-85S-XXX	A60B85-85S-XXX	A30B95-85S-XXX	A60B95-85S-XXX	A39B85-85S-XXX
.141SRF-W-P-50	A30B85-141S-XXX	A60B85-141S-XXX	A30B95-141S-XXX	A60B95-141S-XXX	A39B85-141S-XXX
Cable	SMA Plug Right Angle- BNC Reverse Polarity Jack Bulkhead	SMA Jack Bulkhead-BNC Plug	SMA Reverse Polarity Jack Bulkhead-BNC Plug	SMA Jack Bulkhead-BNC Reverse Polarity Plug	SMA Reverse Polarity Jack Bulkhead-BNC Reverse Polarity Plug
RG174	A39B95-174-XXX	A85B30-174-XXX	A95B30-174-XXX	A85B60-174-XXX	A95B60-174-XXX
RG316	A39B95-316-XXX	A85B30-316-XXX	A95B30-316-XXX	A85B60-316-XXX	A95B60-316-XXX
RD316	A39B95-316D-XXX	A85B30-316D-XXX	A95B30-316D-XXX	A85B60-316D-XXX	A95B60-316D-XXX
JBY100	A39B95-L100-XXX	A85B30-L100-XXX	A95B30-L100-XXX	A85B60-L100-XXX	A95B60-L100-XXX
RG58	A39B95-58-XXX	A85B30-58-XXX	A95B30-58-XXX	A85B60-58-XXX	A95B60-58-XXX
RG142	A39B95-142-XXX	A85B30-142-XXX	A95B30-142-XXX	A85B60-142-XXX	A95B60-142-XXX
RG223	A39B95-223-XXX	A85B30-223-XXX	A95B30-223-XXX	A85B60-223-XXX	A95B60-223-XXX
JBY195	A39B95-L195-XXX	A85B30-L195-XXX	A95B30-L195-XXX	A85B60-L195-XXX	A95B60-L195-XXX
JBY240	A39B95-L240-XXX	A85B30-L240-XXX	A95B30-L240-XXX	A85B60-L240-XXX	A95B60-L240-XXX
.085TIN-W-P-50	A39B95-85T-XXX	A85B30-85T-XXX	A95B30-85T-XXX	A85B60-85T-XXX	A95B60-85T-XXX
.141TIN-W-P-50	A39B95-141T-XXX	A85B30-141T-XXX	A95B30-141T-XXX	A85B60-141T-XXX	A95B60-141T-XXX
.085SRF-W-P-50	A39B95-85S-XXX	A85B30-85S-XXX	A95B30-85S-XXX	A85B60-85S-XXX	A95B60-85S-XXX
.141SRF-W-P-50	A39B95-141S-XXX	A85B30-141S-XXX	A95B30-141S-XXX	A85B60-141S-XXX	A95B60-141S-XXX
Cable	SMA Jack Bulkhead-BNC Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-BNC Plug Right Angle	SMA Jack-BNC Jack	SMA Reverse Polarity Jack -BNC Jack	SMA Jack-BNC Reverse Polarity Jack
RG174	A85B39-174-XXX	A95B39-174-XXX	A80B80-174-XXX	A90B80-174-XXX	A80B90-174-XXX
RG316	A85B39-316-XXX	A95B39-316-XXX	A80B80-316-XXX	A90B80-316-XXX	A80B90-316-XXX
RD316	A85B39-316D-XXX	A95B39-316D-XXX	A80B80-316D-XXX	A90B80-316D-XXX	A80B90-316D-XXX
JBY100	A85B39-L100-XXX	A95B39-L100-XXX	A80B80-L100-XXX	A90B80-L100-XXX	A80B90-L100-XXX
RG58	A85B39-58-XXX	A95B39-58-XXX	A80B80-58-XXX	A90B80-58-XXX	A80B90-58-XXX
RG142	A85B39-142-XXX	A95B39-142-XXX	A80B80-142-XXX	A90B80-142-XXX	A80B90-142-XXX
RG223	A85B39-223-XXX	A95B39-223-XXX	A80B80-223-XXX	A90B80-223-XXX	A80B90-223-XXX
JBY195	A85B39-L195-XXX	A95B39-L195-XXX	A80B80-L195-XXX	A90B80-L195-XXX	A80B90-L195-XXX
JBY240	A85B39-L240-XXX	A95B39-L240-XXX	A80B80-L240-XXX	A90B80-L240-XXX	A80B90-L240-XXX
JBY400			A80B80-L400-XXX	A90B80-L400-XXX	A80B90-L400-XXX
.085TIN-W-P-50	A85B39-85T-XXX	A95B39-85T-XXX	A80B80-85T-XXX	A90B80-85T-XXX	A80B90-85T-XXX
.141TIN-W-P-50	A85B39-141T-XXX	A95B39-141T-XXX	A80B80-141T-XXX	A90B80-141T-XXX	A80B90-141T-XXX
.085SRF-W-P-50	A85B39-85S-XXX	A95B39-85S-XXX	A80B80-85S-XXX	A90B80-85S-XXX	A80B90-85S-XXX
.141SRF-W-P-50	A85B39-141S-XXX	A95B39-141S-XXX	A80B80-141S-XXX	A90B80-141S-XXX	A80B90-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Reverse Polarity Jack -BNC Reverse Polarity Jack	SMA Plug-TNC Plug	SMA Reverse Polarity Plug -TNC Plug	SMA Plug-TNC Reverse Polarity Plug	SMA Reverse Polarity Plug -TNC Reverse Polarity Plug
RG174	A90B90-174-XXX	A30T30-174-XXX	A60T30-174-XXX	A30T60-174-XXX	A60T60-174-XXX
RG316	A90B90-316-XXX	A30T30-316-XXX	A60T30-316-XXX	A30T60-316-XXX	A60T60-316-XXX
RD316	A90B90-316D-XXX	A30T30-316D-XXX	A60T30-316D-XXX	A30T60-316D-XXX	A60T60-316D-XXX
JBY100	A90B90-L100-XXX	A30T30-L100-XXX	A60T30-L100-XXX	A30T60-L100-XXX	A60T60-L100-XXX
RG58	A90B90-58-XXX	A30T30-58-XXX	A60T30-58-XXX	A30T60-58-XXX	A60T60-58-XXX
RG142	A90B90-142-XXX	A30T30-142-XXX	A60T30-142-XXX	A30T60-142-XXX	A60T60-142-XXX
RG223	A90B90-223-XXX	A30T30-223-XXX	A60T30-223-XXX	A30T60-223-XXX	A60T60-223-XXX
JBY195	A90B90-L195-XXX	A30T30-L195-XXX	A60T30-L195-XXX	A30T60-L195-XXX	A60T60-L195-XXX
JBY240	A90B90-L240-XXX	A30T30-L240-XXX	A60T30-L240-XXX	A30T60-L240-XXX	A60T60-L240-XXX
JBY400	A90B90-L400-XXX	A30T30-L400-XXX	A60T30-L400-XXX	A30T60-L400-XXX	A60T60-L400-XXX
.085TIN-W-P-50	A90B90-85T-XXX	A30T30-85T-XXX	A60T30-85T-XXX	A30T60-85T-XXX	A60T60-85T-XXX
.141TIN-W-P-50	A90B90-141T-XXX	A30T30-141T-XXX	A60T30-141T-XXX	A30T60-141T-XXX	A60T60-141T-XXX
.085SRF-W-P-50	A90B90-85S-XXX	A30T30-85S-XXX	A60T30-85S-XXX	A30T60-85S-XXX	A60T60-85S-XXX
.141SRF-W-P-50	A90B90-141S-XXX	A30T30-141S-XXX	A60T30-141S-XXX	A30T60-141S-XXX	A60T60-141S-XXX
Cable	SMA Plug-TNC Plug Right Angle	SMA Reverse Polarity Plug -TNC Plug Right Angle	SMA Plug Right Angle-TNC Plug	SMA Plug Right Angle-TNC Reverse Polarity Plug	SMA Plug-TNC Jack
RG174	A30T39-174-XXX	A60T39-174-XXX	A39T30-174-XXX	A39T60-174-XXX	A30T80-174-XXX
RG316	A30T39-316-XXX	A60T39-316-XXX	A39T30-316-XXX	A39T60-316-XXX	A30T80-316-XXX
RD316	A30T39-316D-XXX	A60T39-316D-XXX	A39T30-316D-XXX	A39T60-316D-XXX	A30T80-316D-XXX
JBY100	A30T39-L100-XXX	A60T39-L100-XXX	A39T30-L100-XXX	A39T60-L100-XXX	A30T80-L100-XXX
RG58	A30T39-58-XXX	A60T39-58-XXX	A39T30-58-XXX	A39T60-58-XXX	A30T80-58-XXX
RG142	A30T39-142-XXX	A60T39-142-XXX	A39T30-142-XXX	A39T60-142-XXX	A30T80-142-XXX
RG223	A30T39-223-XXX	A60T39-223-XXX	A39T30-223-XXX	A39T60-223-XXX	A30T80-223-XXX
JBY195	A30T39-L195-XXX	A60T39-L195-XXX	A39T30-L195-XXX	A39T60-L195-XXX	A30T80-L195-XXX
JBY240	A30T39-L240-XXX	A60T39-L240-XXX	A39T30-L240-XXX	A39T60-L240-XXX	
JBY400					A30T80-L400-XXX
.085TIN-W-P-50	A30T39-85T-XXX	A60T39-85T-XXX	A39T30-85T-XXX	A39T60-85T-XXX	A30T80-85T-XXX
.141TIN-W-P-50	A30T39-141T-XXX	A60T39-141T-XXX	A39T30-141T-XXX	A39T60-141T-XXX	A30T80-141T-XXX
.085SRF-W-P-50	A30T39-85S-XXX	A60T39-85S-XXX	A39T30-85S-XXX	A39T60-85S-XXX	A30T80-85S-XXX
.141SRF-W-P-50	A30T39-141S-XXX	A60T39-141S-XXX	A39T30-141S-XXX	A39T60-141S-XXX	A30T80-141S-XXX
Cable	SMA Reverse Polarity Plug-TNC Jack	SMA Plug-TNC Reverse Polarity Jack	SMA Reverse Polarity Plug -TNC Reverse Polarity Jack	SMA Jack-TNC Plug	SMA Reverse Polarity Jack -TNC Plug
RG174	A60T80-174-XXX	A30T90-174-XXX	A60T90-174-XXX	A80T30-174-XXX	A90T30-174-XXX
RG316	A60T80-316-XXX	A30T90-316-XXX	A60T90-316-XXX	A80T30-316-XXX	A90T30-316-XXX
RD316	A60T80-316D-XXX	A30T90-316D-XXX	A60T90-316D-XXX	A80T30-316D-XXX	A90T30-316D-XXX
JBY100	A60T80-L100-XXX	A30T90-L100-XXX	A60T90-L100-XXX	A80T30-L100-XXX	A90T30-L100-XXX
RG58	A60T80-58-XXX	A30T90-58-XXX	A60T90-58-XXX	A80T30-58-XXX	A90T30-58-XXX
RG142	A60T80-142-XXX	A30T90-142-XXX	A60T90-142-XXX	A80T30-142-XXX	A90T30-142-XXX
RG223	A60T80-223-XXX	A30T90-223-XXX	A60T90-223-XXX	A80T30-223-XXX	A90T30-223-XXX
JBY195	A60T80-L195-XXX	A30T90-L195-XXX	A60T90-L195-XXX	A80T30-L195-XXX	A90T30-L195-XXX
JBY240				A80T30-L240-XXX	A90T30-L240-XXX
JBY400	A60T80-L400-XXX	A30T90-L400-XXX	A60T90-L400-XXX	A80T30-L400-XXX	A90T30-L400-XXX
.085TIN-W-P-50	A60T80-85T-XXX	A30T90-85T-XXX	A60T90-85T-XXX	A80T30-85T-XXX	A90T30-85T-XXX
.141TIN-W-P-50	A60T80-141T-XXX	A30T90-141T-XXX	A60T90-141T-XXX	A80T30-141T-XXX	A90T30-141T-XXX
.085SRF-W-P-50	A60T80-85S-XXX	A30T90-85S-XXX	A60T90-85S-XXX	A80T30-85S-XXX	A90T30-85S-XXX
.141SRF-W-P-50	A60T80-141S-XXX	A30T90-141S-XXX	A60T90-141S-XXX	A80T30-141S-XXX	A90T30-141S-XXX

*XXX= indicate required length in cm



Cable	SMA Jack-TNC Reverse Polarity Plug	SMA Reverse Polarity Jack -TNC Reverse Polarity Plug	SMA Plug- TNC Jack Bulkhead	SMA Reverse Polarity Plug - TNC Jack Bulkhead	SMA Plug- TNC Reverse Polarity Jack Bulkhead
RG174	A80T60-174-XXX	A90T60-174-XXX	A30T85-174-XXX	A60T85-174-XXX	A30T95-174-XXX
RG316	A80T60-316-XXX	A90T60-316-XXX	A30T85-316-XXX	A60T85-316-XXX	A30T95-316-XXX
RD316	A80T60-316D-XXX	A90T60-316D-XXX	A30T85-316D-XXX	A60T85-316D-XXX	A30T95-316D-XXX
JBY100	A80T60-L100-XXX	A90T60-L100-XXX	A30T85-L100-XXX	A60T85-L100-XXX	A30T95-L100-XXX
RG58	A80T60-58-XXX	A90T60-58-XXX	A30T85-58-XXX	A60T85-58-XXX	A30T95-58-XXX
RG142	A80T60-142-XXX	A90T60-142-XXX	A30T85-142-XXX	A60T85-142-XXX	A30T95-142-XXX
RG223	A80T60-223-XXX	A90T60-223-XXX	A30T85-223-XXX	A60T85-223-XXX	A30T95-223-XXX
JBY195	A80T60-L195-XXX	A90T60-L195-XXX	A30T85-L195-XXX	A60T85-L195-XXX	A30T95-L195-XXX
JBY240	A80T60-L240-XXX	A90T60-L240-XXX	A30T85-L240-XXX	A60T85-L240-XXX	A30T95-L240-XXX
JBY400	A80T60-L400-XXX	A90T60-L400-XXX			
.085TIN-W-P-50	A80T60-85T-XXX	A90T60-85T-XXX	A30T85-85T-XXX	A60T85-85T-XXX	A30T95-85T-XXX
.141TIN-W-P-50	A80T60-141T-XXX	A90T60-141T-XXX	A30T85-141T-XXX	A60T85-141T-XXX	A30T95-141T-XXX
.085SRF-W-P-50	A80T60-85S-XXX	A90T60-85S-XXX	A30T85-85S-XXX	A60T85-85S-XXX	A30T95-85S-XXX
.141SRF-W-P-50	A80T60-141S-XXX	A90T60-141S-XXX	A30T85-141S-XXX	A60T85-141S-XXX	A30T95-141S-XXX
Cable	SMA Reverse Polarity Plug - TNC Reverse Polarity Jack Bulkhead	SMA Plug Right Angle- TNC Jack Bulkhead	SMA Plug Right Angle- TNC Reverse Polarity Jack Bulkhead	SMA Jack Bulkhead- TNC Plug	SMA Reverse Polarity Jack Bulkhead-TNC Plug
RG174	A60T95-174-XXX	A39T85-174-XXX	A39T95-174-XXX	A85T30-174-XXX	A95T30-174-XXX
RG316	A60T95-316-XXX	A39T85-316-XXX	A39T95-316-XXX	A85T30-316-XXX	A95T30-316-XXX
RD316	A60T95-316D-XXX	A39T85-316D-XXX	A39T95-316D-XXX	A85T30-316D-XXX	A95T30-316D-XXX
JBY100	A60T95-L100-XXX	A39T85-L100-XXX	A39T95-L100-XXX	A85T30-L100-XXX	A95T30-L100-XXX
RG58	A60T95-58-XXX	A39T85-58-XXX	A39T95-58-XXX	A85T30-58-XXX	A95T30-58-XXX
RG142	A60T95-142-XXX	A39T85-142-XXX	A39T95-142-XXX	A85T30-142-XXX	A95T30-142-XXX
RG223	A60T95-223-XXX	A39T85-223-XXX	A39T95-223-XXX	A85T30-223-XXX	A95T30-223-XXX
JBY195	A60T95-L195-XXX	A39T85-L195-XXX	A39T95-L195-XXX	A85T30-L195-XXX	A95T30-L195-XXX
JBY240	A60T95-L240-XXX	A39T85-L240-XXX	A39T95-L240-XXX	A85T30-L240-XXX	A95T30-L240-XXX
.085TIN-W-P-50	A60T95-85T-XXX	A39T85-85T-XXX	A39T95-85T-XXX	A85T30-85T-XXX	A95T30-85T-XXX
.141TIN-W-P-50	A60T95-141T-XXX	A39T85-141T-XXX	A39T95-141T-XXX	A85T30-141T-XXX	A95T30-141T-XXX
.085SRF-W-P-50	A60T95-85S-XXX	A39T85-85S-XXX	A39T95-85S-XXX	A85T30-85S-XXX	A95T30-85S-XXX
.141SRF-W-P-50	A60T95-141S-XXX	A39T85-141S-XXX	A39T95-141S-XXX	A85T30-141S-XXX	A95T30-141S-XXX
Cable	SMA Jack Bulkhead-TNC Reverse Polarity Plug	SMA Reverse Polarity Jack Bulkhead-TNC Reverse Polarity Plug	SMA Jack Bulkhead-TNC Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-TNC Plug Right Angle	SMA Jack-TNC Jack
RG174	A85T60-174-XXX	A95T60-174-XXX	A85T39-174-XXX	A95T39-174-XXX	A80T80-174-XXX
RG316	A85T60-316-XXX	A95T60-316-XXX	A85T39-316-XXX	A95T39-316-XXX	A80T80-316-XXX
RD316	A85T60-316D-XXX	A95T60-316D-XXX	A85T39-316D-XXX	A95T39-316D-XXX	A80T80-316D-XXX
JBY100	A85T60-L100-XXX	A95T60-L100-XXX	A85T39-L100-XXX	A95T39-L100-XXX	A80T80-L100-XXX
RG58	A85T60-58-XXX	A95T60-58-XXX	A85T39-58-XXX	A95T39-58-XXX	A80T80-58-XXX
RG142	A85T60-142-XXX	A95T60-142-XXX	A85T39-142-XXX	A95T39-142-XXX	A80T80-142-XXX
RG223	A85T60-223-XXX	A95T60-223-XXX	A85T39-223-XXX	A95T39-223-XXX	A80T80-223-XXX
JBY195	A85T60-L195-XXX	A95T60-L195-XXX	A85T39-L195-XXX	A95T39-L195-XXX	A80T80-L195-XXX
JBY240	A85T60-L240-XXX	A95T60-L240-XXX	A85T39-L240-XXX	A95T39-L240-XXX	A80T80-L240-XXX
JBY400					A80T80-L400-XXX
.085TIN-W-P-50	A85T60-85T-XXX	A95T60-85T-XXX	A85T39-85T-XXX	A95T39-85T-XXX	A80T80-85T-XXX
.141TIN-W-P-50	A85T60-141T-XXX	A95T60-141T-XXX	A85T39-141T-XXX	A95T39-141T-XXX	A80T80-141T-XXX
.085SRF-W-P-50	A85T60-85S-XXX	A95T60-85S-XXX	A85T39-85S-XXX	A95T39-85S-XXX	A80T80-85S-XXX
.141SRF-W-P-50	A85T60-141S-XXX	A95T60-141S-XXX	A85T39-141S-XXX	A95T39-141S-XXX	A80T80-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Reverse Polarity Jack -TNC Jack	SMA Jack-TNC Reverse Polarity Jack	SMA Reverse Polarity Jack -TNC Reverse Polarity Jack	SMA Plug-SMB Plug	SMA Reverse Polarity Plug -SMB Plug
RG174	A90T80-174-XXX	A80T90-174-XXX	A90T90-174-XXX	A30S30-174-XXX	A60S30-174-XXX
RG178				A30S30-178-XXX	A60S30-178-XXX
RG316	A90T80-316-XXX	A80T90-316-XXX	A90T90-316-XXX	A30S30-316-XXX	A60S30-316-XXX
RD316	A90T80-316D-XXX	A80T90-316D-XXX	A90T90-316D-XXX	A30S30-316D-XXX	A60S30-316D-XXX
JBY100	A90T80-L100-XXX	A80T90-L100-XXX	A90T90-L100-XXX	A30S30-L100-XXX	A60S30-L100-XXX
RG58	A90T80-58-XXX	A80T90-58-XXX	A90T90-58-XXX	A30S30-58-XXX	A60S30-58-XXX
RG142	A90T80-142-XXX	A80T90-142-XXX	A90T90-142-XXX	A30S30-142-XXX	A60S30-142-XXX
RG223	A90T80-223-XXX	A80T90-223-XXX	A90T90-223-XXX	A30S30-223-XXX	A60S30-223-XXX
JBY195	A90T80-L195-XXX	A80T90-L195-XXX	A90T90-L195-XXX	A30S30-L195-XXX	A60S30-L195-XXX
JBY240	A90T80-L240-XXX	A80T90-L240-XXX	A90T90-L240-XXX		
JBY400	A90T80-L400-XXX	A80T90-L400-XXX	A90T90-L400-XXX		
.085TIN-W-P-50	A90T80-85T-XXX	A80T90-85T-XXX	A90T90-85T-XXX	A30S30-85T-XXX	A60S30-85T-XXX
.141TIN-W-P-50	A90T80-141T-XXX	A80T90-141T-XXX	A90T90-141T-XXX	A30S30-141T-XXX	A60S30-141T-XXX
.085SRF-W-P-50	A90T80-85S-XXX	A80T90-85S-XXX	A90T90-85S-XXX	A30S30-85S-XXX	A60S30-85S-XXX
.141SRF-W-P-50	A90T80-141S-XXX	A80T90-141S-XXX	A90T90-141S-XXX	A30S30-141S-XXX	A60S30-141S-XXX
Cable	SMA Plug-SMB Plug Right Angle	SMA Reverse Polarity Plug -SMB Plug Right Angle	SMA Plug Right Angle-SMB Plug	SMA Plug Right Angle-SMB Plug Right Angle	SMA Plug-SMB Jack
RG174	A30S39-174-XXX	A60S39-174-XXX	A39S30-174-XXX	A39S39-174-XXX	A30S80-174-XXX
RG178	A30S39-178-XXX	A60S39-178-XXX	A39S30-178-XXX	A39S39-178-XXX	A30S80-178-XXX
RG316	A30S39-316-XXX	A60S39-316-XXX	A39S30-316-XXX	A39S39-316-XXX	A30S80-316-XXX
RD316	A30S39-316D-XXX	A60S39-316D-XXX	A39S30-316D-XXX	A39S39-316D-XXX	A30S80-316D-XXX
JBY100	A30S39-L100-XXX	A60S39-L100-XXX	A39S30-L100-XXX	A39S39-L100-XXX	A30S80-L100-XXX
RG58	A30S39-58-XXX	A60S39-58-XXX	A39S30-58-XXX	A39S39-58-XXX	A30S80-58-XXX
RG142	A30S39-142-XXX	A60S39-142-XXX	A39S30-142-XXX	A39S39-142-XXX	A30S80-142-XXX
RG223	A30S39-223-XXX	A60S39-223-XXX	A39S30-223-XXX	A39S39-223-XXX	A30S80-223-XXX
JBY195	A30S39-L195-XXX	A60S39-L195-XXX	A39S30-L195-XXX	A39S39-L195-XXX	A30S80-L195-XXX
.085TIN-W-P-50	A30S39-85T-XXX	A60S39-85T-XXX	A39S30-85T-XXX	A39S39-85T-XXX	A30S80-85T-XXX
.141TIN-W-P-50	A30S39-141T-XXX	A60S39-141T-XXX	A39S30-141T-XXX	A39S39-141T-XXX	A30S80-141T-XXX
.085SRF-W-P-50	A30S39-85S-XXX	A60S39-85S-XXX	A39S30-85S-XXX	A39S39-85S-XXX	A30S80-85S-XXX
.141SRF-W-P-50	A30S39-141S-XXX	A60S39-141S-XXX	A39S30-141S-XXX	A39S39-141S-XXX	A30S80-141S-XXX
Cable	SMA Reverse Polarity Plug -SMB Jack	SMA Jack-SMB Plug	SMA Reverse Polarity Jack -SMB Plug	SMA Plug-SMB Jack Bulkhead	SMA Reverse Polarity Plug -SMB Jack Bulkhead
RG174	A60S80-174-XXX	A80S30-174-XXX	A90S30-174-XXX	A30S85-174-XXX	A60S85-174-XXX
RG178	A60S80-178-XXX	A80S30-178-XXX		A30S85-178-XXX	A60S85-178-XXX
RG316	A60S80-316-XXX	A80S30-316-XXX	A90S30-316-XXX	A30S85-316-XXX	A60S85-316-XXX
RD316	A60S80-316D-XXX	A80S30-316D-XXX	A90S30-316D-XXX	A30S85-316D-XXX	A60S85-316D-XXX
JBY100	A60S80-L100-XXX	A80S30-L100-XXX	A90S30-L100-XXX	A30S85-L100-XXX	A60S85-L100-XXX
RG58	A60S80-58-XXX	A80S30-58-XXX	A90S30-58-XXX		
RG142	A60S80-142-XXX	A80S30-142-XXX	A90S30-142-XXX		
RG223	A60S80-223-XXX	A80S30-223-XXX	A90S30-223-XXX		
JBY195	A60S80-L195-XXX	A80S30-L195-XXX	A90S30-L195-XXX		
.085TIN-W-P-50	A60S80-85T-XXX	A80S30-85T-XXX	A90S30-85T-XXX	A30S85-85T-XXX	A60S85-85T-XXX
.141TIN-W-P-50	A60S80-141T-XXX	A80S30-141T-XXX	A90S30-141T-XXX	A30S85-141T-XXX	A60S85-141T-XXX
.085SRF-W-P-50	A60S80-85S-XXX	A80S30-85S-XXX	A90S30-85S-XXX	A30S85-85S-XXX	A60S85-85S-XXX
.141SRF-W-P-50	A60S80-141S-XXX	A80S30-141S-XXX	A90S30-141S-XXX	A30S85-141S-XXX	A60S85-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Plug Right Angle-SMB Jack Bulkhead	SMA Jack Bulkhead-SMB Plug	SMA Reverse Polarity Jack Bulkhead-SMB Plug	SMA Jack Bulkhead-SMB Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-SMB Plug Right Angle
RG174	A39S85-174-XXX	A85S30-174-XXX	A95S30-174-XXX	A85S39-174-XXX	A95S39-174-XXX
RG178	A39S85-178-XXX	A85S30-178-XXX	A95S30-178-XXX	A85S39-178-XXX	A95S39-178-XXX
RG316	A39S85-316-XXX	A85S30-316-XXX	A95S30-316-XXX	A85S39-316-XXX	A95S39-316-XXX
RD316	A39S85-316D-XXX	A85S30-316D-XXX	A95S30-316D-XXX	A85S39-316D-XXX	A95S39-316D-XXX
JBY100	A39S85-L100-XXX	A85S30-L100-XXX	A95S30-L100-XXX	A85S39-L100-XXX	A95S39-L100-XXX
RG58		A85S30-58-XXX	A95S30-58-XXX	A85S39-58-XXX	A95S39-58-XXX
RG142		A85S30-142-XXX	A95S30-142-XXX	A85S39-142-XXX	A95S39-142-XXX
RG223		A85S30-223-XXX	A95S30-223-XXX	A85S39-223-XXX	A95S39-223-XXX
JBY195		A85S30-L195-XXX	A95S30-L195-XXX	A85S39-L195-XXX	A95S39-L195-XXX
.085TIN-W-P-50	A39S85-85T-XXX	A85S30-85T-XXX	A95S30-85T-XXX	A85S39-85T-XXX	A95S39-85T-XXX
.141TIN-W-P-50	A39S85-141T-XXX	A85S30-141T-XXX	A95S30-141T-XXX	A85S39-141T-XXX	A95S39-141T-XXX
.085SRF-W-P-50	A39S85-85S-XXX	A85S30-85S-XXX	A95S30-85S-XXX	A85S39-85S-XXX	A95S39-85S-XXX
.141SRF-W-P-50	A39S85-141S-XXX	A85S30-141S-XXX	A95S30-141S-XXX	A85S39-141S-XXX	A95S39-141S-XXX
Cable	SMA Jack-SMB Jack	SMA Reverse Polarity Jack -SMB Jack	SMA Plug-SMC Plug	SMA Reverse Polarity Plug -SMC Plug	SMA Plug-SMC Plug Right Angle
RG174	A80S80-174-XXX	A90S80-174-XXX	A30MC30-174-XXX	A60MC30-174-XXX	A30MC39-174-XXX
RG178	A80S80-178-XXX		A30MC30-178-XXX	A60MC30-178-XXX	A30MC39-178-XXX
RG316	A80S80-316-XXX	A90S80-316-XXX	A30MC30-316-XXX	A60MC30-316-XXX	A30MC39-316-XXX
RD316	A80S80-316D-XXX	A90S80-316D-XXX	A30MC30-316D-XXX	A60MC30-316D-XXX	A30MC39-316D-XXX
JBY100	A80S80-L100-XXX	A90S80-L100-XXX	A30MC30-L100-XXX	A60MC30-L100-XXX	A30MC39-L100-XXX
RG58	A80S80-58-XXX	A90S80-58-XXX	A30MC30-58-XXX	A60MC30-58-XXX	A30MC39-58-XXX
RG142	A80S80-142-XXX	A90S80-142-XXX	A30MC30-142-XXX	A60MC30-142-XXX	A30MC39-142-XXX
RG223	A80S80-223-XXX	A90S80-223-XXX	A30MC30-223-XXX	A60MC30-223-XXX	A30MC39-223-XXX
JBY195	A80S80-L195-XXX	A90S80-L195-XXX	A30MC30-L195-XXX	A60MC30-L195-XXX	A30MC39-L195-XXX
.047TIN-W-P-50					A30MC39-47T-XXX
.085TIN-W-P-50	A80S80-85T-XXX	A90S80-85T-XXX	A30MC30-85T-XXX	A60MC30-85T-XXX	A30MC39-85T-XXX
.141TIN-W-P-50	A80S80-141T-XXX	A90S80-141T-XXX	A30MC30-141T-XXX	A60MC30-141T-XXX	
.047SRF-W-P-50					A30MC39-47S-XXX
.085SRF-W-P-50	A80S80-85S-XXX	A90S80-85S-XXX	A30MC30-85S-XXX	A60MC30-85S-XXX	A30MC39-85S-XXX
.141SRF-W-P-50	A80S80-141S-XXX	A90S80-141S-XXX	A30MC30-141S-XXX	A60MC30-141S-XXX	
Cable	SMA Reverse Polarity Plug -SMC Plug Right Angle	SMA Plug Right Angle-SMC Plug	SMA Plug Right Angle-SMC Plug Right Angle	SMA Plug-SMC Jack	SMA Reverse Polarity Plug -SMC Jack
RG174	A60MC39-174-XXX	A39MC30-174-XXX	A39MC39-174-XXX	A30MC80-174-XXX	A60MC80-174-XXX
RG178	A60MC39-178-XXX	A39MC30-178-XXX	A39MC39-178-XXX	A30MC80-178-XXX	A60MC80-178-XXX
RG316	A60MC39-316-XXX	A39MC30-316-XXX	A39MC39-316-XXX	A30MC80-316-XXX	A60MC80-316-XXX
RD316	A60MC39-316D-XXX	A39MC30-316D-XXX	A39MC39-316D-XXX	A30MC80-316D-XXX	A60MC80-316D-XXX
JBY100	A60MC39-L100-XXX	A39MC30-L100-XXX	A39MC39-L100-XXX	A30MC80-L100-XXX	A60MC80-L100-XXX
RG58	A60MC39-58-XXX	A39MC30-58-XXX	A39MC39-58-XXX	A30MC80-58-XXX	A60MC80-58-XXX
RG142	A60MC39-142-XXX	A39MC30-142-XXX	A39MC39-142-XXX	A30MC80-142-XXX	A60MC80-142-XXX
RG223	A60MC39-223-XXX	A39MC30-223-XXX	A39MC39-223-XXX	A30MC80-223-XXX	A60MC80-223-XXX
JBY195	A60MC39-L195-XXX	A39MC30-L195-XXX	A39MC39-L195-XXX	A30MC80-L195-XXX	A60MC80-L195-XXX
.047TIN-W-P-50			A39MC39-47T-XXX		
.085TIN-W-P-50	A60MC39-85T-XXX	A39MC30-85T-XXX	A39MC39-85T-XXX	A30MC80-85T-XXX	A60MC80-85T-XXX
.141TIN-W-P-50		A39MC30-141T-XXX		A30MC80-141T-XXX	A60MC80-141T-XXX
.047SRF-W-P-50			A39MC39-47S-XXX		
.085SRF-W-P-50	A60MC39-85S-XXX	A39MC30-85S-XXX	A39MC39-85S-XXX	A30MC80-85S-XXX	A60MC80-85S-XXX
.141SRF-W-P-50		A39MC30-141S-XXX		A30MC80-141S-XXX	A60MC80-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Jack-SMC Plug	SMA Reverse Polarity Jack -SMC Plug	SMA Plug- SMC Jack Bulkhead	SMA Reverse Polarity Plug - SMC Jack Bulkhead	SMA Plug Right Angle- SMC Jack Bulkhead
RG174	A80MC30-174-XXX	A90MC30-174-XXX	A30MC85-174-XXX	A60MC85-174-XXX	A39MC85-174-XXX
RG178	A80MC30-178-XXX		A30MC85-178-XXX	A60MC85-178-XXX	A39MC85-178-XXX
RG316	A80MC30-316-XXX	A90MC30-316-XXX	A30MC85-316-XXX	A60MC85-316-XXX	A39MC85-316-XXX
RD316	A80MC30-316D-XXX	A90MC30-316D-XXX	A30MC85-316D-XXX	A60MC85-316D-XXX	A39MC85-316D-XXX
JBY100	A80MC30-L100-XXX	A90MC30-L100-XXX	A30MC85-L100-XXX	A60MC85-L100-XXX	A39MC85-L100-XXX
RG58	A80MC30-58-XXX	A90MC30-58-XXX			
RG142	A80MC30-142-XXX	A90MC30-142-XXX			
RG223	A80MC30-223-XXX	A90MC30-223-XXX			
JBY195	A80MC30-L195-XXX	A90MC30-L195-XXX			
.085TIN-W-P-50	A80MC30-85T-XXX	A90MC30-85T-XXX	A30MC85-85T-XXX	A60MC85-85T-XXX	A39MC85-85T-XXX
.141TIN-W-P-50	A80MC30-141T-XXX	A90MC30-141T-XXX			
.085SRF-W-P-50	A80MC30-85S-XXX	A90MC30-85S-XXX	A30MC85-85S-XXX	A60MC85-85S-XXX	A39MC85-85S-XXX
.141SRF-W-P-50	A80MC30-141S-XXX	A90MC30-141S-XXX			
Cable	SMA Jack Bulkhead-SMC Plug	SMA Reverse Polarity Jack Bulkhead-SMC Plug	SMA Jack Bulkhead-SMC Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-SMC Plug Right Angle	SMA Jack-SMC Jack
RG174	A85MC30-174-XXX	A95MC30-174-XXX	A85MC39-174-XXX	A95MC39-174-XXX	A80MC80-174-XXX
RG178	A85MC30-178-XXX	A95MC30-178-XXX	A85MC39-178-XXX	A95MC39-178-XXX	A80MC80-178-XXX
RG316	A85MC30-316-XXX	A95MC30-316-XXX	A85MC39-316-XXX	A95MC39-316-XXX	A80MC80-316-XXX
RD316	A85MC30-316D-XXX	A95MC30-316D-XXX	A85MC39-316D-XXX	A95MC39-316D-XXX	A80MC80-316D-XXX
JBY100	A85MC30-L100-XXX	A95MC30-L100-XXX	A85MC39-L100-XXX	A95MC39-L100-XXX	A80MC80-L100-XXX
RG58	A85MC30-58-XXX	A95MC30-58-XXX	A85MC39-58-XXX	A95MC39-58-XXX	A80MC80-58-XXX
RG142	A85MC30-142-XXX	A95MC30-142-XXX	A85MC39-142-XXX	A95MC39-142-XXX	A80MC80-142-XXX
RG223	A85MC30-223-XXX	A95MC30-223-XXX	A85MC39-223-XXX	A95MC39-223-XXX	A80MC80-223-XXX
JBY195	A85MC30-L195-XXX	A95MC30-L195-XXX	A85MC39-L195-XXX	A95MC39-L195-XXX	A80MC80-L195-XXX
.047TIN-W-P-50			A85MC39-47T-XXX		
.085TIN-W-P-50	A85MC30-85T-XXX	A95MC30-85T-XXX	A85MC39-85T-XXX	A95MC39-85T-XXX	A80MC80-85T-XXX
.141TIN-W-P-50	A85MC30-141T-XXX	A95MC30-141T-XXX			A80MC80-141T-XXX
.047SRF-W-P-50			A85MC39-47S-XXX		
.085SRF-W-P-50	A85MC30-85S-XXX	A95MC30-85S-XXX	A85MC39-85S-XXX	A95MC39-85S-XXX	A80MC80-85S-XXX
.141SRF-W-P-50	A85MC30-141S-XXX	A95MC30-141S-XXX			A80MC80-141S-XXX
Cable	SMA Reverse Polarity Jack -SMC Jack	SMA Plug-MCX Plug	SMA Reverse Polarity Plug -MCX Plug	SMA Plug-MCX Plug Right Angle	SMA Reverse Polarity Plug -MCX Plug Right Angle
RG174	A90MC80-174-XXX	A30D30-174-XXX	A60D30-174-XXX	A30D39-174-XXX	A60D39-174-XXX
RG178		A30D30-178-XXX	A60D30-178-XXX	A30D39-178-XXX	A60D39-178-XXX
RG316	A90MC80-316-XXX	A30D30-316-XXX	A60D30-316-XXX	A30D39-316-XXX	A60D39-316-XXX
RD316	A90MC80-316D-XXX	A30D30-316D-XXX	A60D30-316D-XXX	A30D39-316D-XXX	A60D39-316D-XXX
JBY100	A90MC80-L100-XXX	A30D30-L100-XXX	A60D30-L100-XXX	A30D39-L100-XXX	A60D39-L100-XXX
RG58	A90MC80-58-XXX	A30D30-58-XXX	A60D30-58-XXX	A30D39-58-XXX	A60D39-58-XXX
RG142	A90MC80-142-XXX	A30D30-142-XXX	A60D30-142-XXX	A30D39-142-XXX	A60D39-142-XXX
RG223	A90MC80-223-XXX	A30D30-223-XXX	A60D30-223-XXX	A30D39-223-XXX	A60D39-223-XXX
JBY195	A90MC80-L195-XXX	A30D30-L195-XXX	A60D30-L195-XXX	A30D39-L195-XXX	A60D39-L195-XXX
.085TIN-W-P-50	A90MC80-85T-XXX	A30D30-85T-XXX	A60D30-85T-XXX	A30D39-85T-XXX	A60D39-85T-XXX
.141TIN-W-P-50	A90MC80-141T-XXX	A30D30-141T-XXX	A60D30-141T-XXX	A30D39-141T-XXX	A60D39-141T-XXX
.085SRF-W-P-50	A90MC80-85S-XXX	A30D30-85S-XXX	A60D30-85S-XXX	A30D39-85S-XXX	A60D39-85S-XXX
.141SRF-W-P-50	A90MC80-141S-XXX	A30D30-141S-XXX	A60D30-141S-XXX	A30D39-141S-XXX	A60D39-141S-XXX
.085SRF-W-P-50-F		A30D30-85F-XXX		A30D39-85F-XXX	

*XXX= indicate required length in cm

Cable	SMA Plug Right Angle-MCX Plug	SMA Plug Right Angle-MCX Plug Right Angle	SMA Plug-MCX Jack	SMA Reverse Polarity Plug -MCX Jack	SMA Jack-MCX Plug
RG174	A39D30-174-XXX	A39D39-174-XXX	A30D80-174-XXX	A60D80-174-XXX	A80D30-174-XXX
RG178	A39D30-178-XXX	A39D39-178-XXX	A30D80-178-XXX	A60D80-178-XXX	A80D30-178-XXX
RG316	A39D30-316-XXX	A39D39-316-XXX	A30D80-316-XXX	A60D80-316-XXX	A80D30-316-XXX
RD316	A39D30-316D-XXX	A39D39-316D-XXX	A30D80-316D-XXX	A60D80-316D-XXX	A80D30-316D-XXX
JBY100	A39D30-L100-XXX	A39D39-L100-XXX	A30D80-L100-XXX	A60D80-L100-XXX	A80D30-L100-XXX
RG58	A39D30-58-XXX	A39D39-58-XXX			A80D30-58-XXX
RG142	A39D30-142-XXX	A39D39-142-XXX			A80D30-142-XXX
RG223	A39D30-223-XXX	A39D39-223-XXX			A80D30-223-XXX
JBY195	A39D30-L195-XXX	A39D39-L195-XXX			A80D30-L195-XXX
.085TIN-W-P-50	A39D30-85T-XXX	A39D39-85T-XXX	A30D80-85T-XXX	A60D80-85T-XXX	A80D30-85T-XXX
.141TIN-W-P-50	A39D30-141T-XXX	A39D39-141T-XXX	A30D80-141T-XXX	A60D80-141T-XXX	A80D30-141T-XXX
.085SRF-W-P-50	A39D30-85S-XXX	A39D39-85S-XXX	A30D80-85S-XXX	A60D80-85S-XXX	A80D30-85S-XXX
.141SRF-W-P-50	A39D30-141S-XXX	A39D39-141S-XXX	A30D80-141S-XXX	A60D80-141S-XXX	A80D30-141S-XXX
.085SRF-W-P-50-F	A39D30-85F-XXX	A39D39-85F-XXX			
Cable	SMA Reverse Polarity Jack -MCX Plug	SMA Plug- MCX Jack Bulkhead	SMA Reverse Polarity Plug - MCX Jack Bulkhead	SMA Plug Right Angle-MCX Jack Bulkhead	SMA Jack Bulkhead-MCX Plug
RG174	A90D30-174-XXX	A30D85-174-XXX	A60D85-174-XXX	A39D85-174-XXX	A85D30-174-XXX
RG178					A85D30-178-XXX
RG316	A90D30-316-XXX	A30D85-316-XXX	A60D85-316-XXX	A39D85-316-XXX	A85D30-316-XXX
RD316	A90D30-316D-XXX	A30D85-316D-XXX	A60D85-316D-XXX	A39D85-316D-XXX	A85D30-316D-XXX
JBY100	A90D30-L100-XXX	A30D85-L100-XXX	A60D85-L100-XXX	A39D85-L100-XXX	A85D30-L100-XXX
RG58	A90D30-58-XXX				A85D30-58-XXX
RG142	A90D30-142-XXX				A85D30-142-XXX
RG223	A90D30-223-XXX				A85D30-223-XXX
JBY195	A90D30-L195-XXX				A85D30-L195-XXX
.085TIN-W-P-50	A90D30-85T-XXX				A85D30-85T-XXX
.141TIN-W-P-50	A90D30-141T-XXX				A85D30-141T-XXX
.085SRF-W-P-50	A90D30-85S-XXX				A85D30-85S-XXX
.141SRF-W-P-50	A90D30-141S-XXX				A85D30-141S-XXX
Cable	SMA Reverse Polarity Jack Bulkhead-MCX Plug	SMA Jack Bulkhead-MCX Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-MCX Plug Right Angle	SMA Jack-MCX Jack	SMA Reverse Polarity Jack -MCX Jack
RG174	A95D30-174-XXX	A85D39-174-XXX	A95D39-174-XXX	A80D80-174-XXX	A90D80-174-XXX
RG178	A95D30-178-XXX	A85D39-178-XXX	A95D39-178-XXX	A80D80-178-XXX	
RG316	A95D30-316-XXX	A85D39-316-XXX	A95D39-316-XXX	A80D80-316-XXX	A90D80-316-XXX
RD316	A95D30-316D-XXX	A85D39-316D-XXX	A95D39-316D-XXX	A80D80-316D-XXX	A90D80-316D-XXX
JBY100	A95D30-L100-XXX	A85D39-L100-XXX	A95D39-L100-XXX	A80D80-L100-XXX	A90D80-L100-XXX
RG58	A95D30-58-XXX	A85D39-58-XXX	A95D39-58-XXX		
RG142	A95D30-142-XXX	A85D39-142-XXX	A95D39-142-XXX		
RG223	A95D30-223-XXX	A85D39-223-XXX	A95D39-223-XXX		
JBY195	A95D30-L195-XXX	A85D39-L195-XXX	A95D39-L195-XXX		
.085TIN-W-P-50	A95D30-85T-XXX	A85D39-85T-XXX	A95D39-85T-XXX	A80D80-85T-XXX	A90D80-85T-XXX
.141TIN-W-P-50	A95D30-141T-XXX	A85D39-141T-XXX	A95D39-141T-XXX	A80D80-141T-XXX	A90D80-141T-XXX
.085SRF-W-P-50	A95D30-85S-XXX	A85D39-85S-XXX	A95D39-85S-XXX	A80D80-85S-XXX	A90D80-85S-XXX
.141SRF-W-P-50	A95D30-141S-XXX	A85D39-141S-XXX	A95D39-141S-XXX	A80D80-141S-XXX	A90D80-141S-XXX

*XXX= indicate required length in cm

Cable	SMA Plug-MMCX Plug	SMA Reverse Polarity Plug -MMCX Plug	SMA Plug-MMCX Plug Right Angle	SMA Reverse Polarity Plug -MMCX Plug Right Angle	SMA Plug Right Angle-MMCX Plug
RG174	A30E30-174-XXX	A60E30-174-XXX	A30E39-174-XXX	A60E39-174-XXX	A39E30-174-XXX
RG178	A30E30-178-XXX	A60E30-178-XXX	A30E39-178-XXX	A60E39-178-XXX	A39E30-178-XXX
RG316	A30E30-316-XXX	A60E30-316-XXX	A30E39-316-XXX	A60E39-316-XXX	A39E30-316-XXX
RD316	A30E30-316D-XXX	A60E30-316D-XXX	A30E39-316D-XXX	A60E39-316D-XXX	A39E30-316D-XXX
JBY100	A30E30-L100-XXX	A60E30-L100-XXX	A30E39-L100-XXX	A60E39-L100-XXX	A39E30-L100-XXX
.047TIN-W-P-50	A30E30-47T-XXX		A30E39-47T-XXX		A39E30-47T-XXX
.085TIN-W-P-50	A30E30-85T-XXX	A60E30-85T-XXX	A30E39-85T-XXX	A60E39-85T-XXX	A39E30-85T-XXX
.141TIN-W-P-50			A30E39-141T-XXX	A60E39-141T-XXX	
.047SRF-W-P-50	A30E30-47S-XXX		A30E39-47S-XXX		A39E30-47S-XXX
.085SRF-W-P-50	A30E30-85S-XXX	A60E30-85S-XXX	A30E39-85S-XXX	A60E39-85S-XXX	A39E30-85S-XXX
.141SRF-W-P-50			A30E39-141S-XXX	A60E39-141S-XXX	
Cable	SMA Plug Right Angle-MMCX Plug Right Angle	SMA Plug-MMCX Jack	SMA Reverse Polarity Plug -MMCX Jack	SMA Jack-MMCX Plug	SMA Reverse Polarity Jack -MMCX Plug
RG174	A39E39-174-XXX	A30E80-174-XXX	A60E80-174-XXX	A80E30-174-XXX	A90E30-174-XXX
RG178	A39E39-178-XXX			A80E30-178-XXX	
RG316	A39E39-316-XXX	A30E80-316-XXX	A60E80-316-XXX	A80E30-316-XXX	A90E30-316-XXX
RD316	A39E39-316D-XXX	A30E80-316D-XXX	A60E80-316D-XXX	A80E30-316D-XXX	A90E30-316D-XXX
JBY100	A39E39-L100-XXX	A30E80-L100-XXX	A60E80-L100-XXX	A80E30-L100-XXX	A90E30-L100-XXX
.047TIN-W-P-50	A39E39-47T-XXX	A30E80-47T-XXX		A80E30-47T-XXX	
.085TIN-W-P-50	A39E39-85T-XXX			A80E30-85T-XXX	A90E30-85T-XXX
.141TIN-W-P-50	A39E39-141T-XXX				
.047SRF-W-P-50	A39E39-47S-XXX	A30E80-47S-XXX		A80E30-47S-XXX	
.085SRF-W-P-50	A39E39-85S-XXX			A80E30-85S-XXX	A90E30-85S-XXX
.141SRF-W-P-50	A39E39-141S-XXX				
Cable	SMA Plug- MMCX Jack Bulkhead	SMA Reverse Polarity Plug - MMCX Jack Bulkhead	SMA Plug Right Angle- MMCX Jack Bulkhead	SMA Jack Bulkhead-MMCX Plug	SMA Reverse Polarity Jack Bulkhead-MMCX Plug
RG174				A85E30-174-XXX	A95E30-174-XXX
RG178	A30E85-178-XXX	A60E85-178-XXX	A39E85-178-XXX	A85E30-178-XXX	A95E30-178-XXX
RG316				A85E30-316-XXX	A95E30-316-XXX
RD316				A85E30-316D-XXX	A95E30-316D-XXX
JBY100				A85E30-L100-XXX	A95E30-L100-XXX
.047TIN-W-P-50	A30E85-47T-XXX		A39E85-47T-XXX	A85E30-47T-XXX	
.085TIN-W-P-50	A30E85-85T-XXX	A60E85-85T-XXX	A39E85-85T-XXX	A85E30-85T-XXX	A95E30-85T-XXX
.047SRF-W-P-50	A30E85-47S-XXX		A39E85-47S-XXX	A85E30-47S-XXX	
.085SRF-W-P-50	A30E85-85S-XXX	A60E85-85S-XXX	A39E85-85S-XXX	A85E30-85S-XXX	A95E30-85S-XXX
Cable	SMA Jack Bulkhead-MMCX Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-MMCX Plug Right Angle	SMA Jack-MMCX Jack	SMA Reverse Polarity Jack -MMCX Jack	N Plug-BNC Plug
RG174	A85E39-174-XXX	A95E39-174-XXX	A80E80-174-XXX	A90E80-174-XXX	N30B30-174-XXX
RG178	A85E39-178-XXX	A95E39-178-XXX			
RG179					N30B30-179-XXX
RG316	A85E39-316-XXX	A95E39-316-XXX	A80E80-316-XXX	A90E80-316-XXX	N30B30-316-XXX
RD316	A85E39-316D-XXX	A95E39-316D-XXX	A80E80-316D-XXX	A90E80-316D-XXX	N30B30-316D-XXX
JBY100	A85E39-L100-XXX	A95E39-L100-XXX	A80E80-L100-XXX	A90E80-L100-XXX	N30B30-L100-XXX
RG58					N30B30-58-XXX
RG59					N30B30-59-XXX

*XXX= indicate required length in cm

Cable	SMA Jack Bulkhead-MMCX Plug Right Angle	SMA Reverse Polarity Jack Bulkhead-MMCX Plug Right Angle	SMA Jack-MMCX Jack	SMA Reverse Polarity Jack -MMCX Jack	N Plug-BNC Plug
RG142					N30B30-142-XXX
RG223					N30B30-223-XXX
JBYP195					N30B30-L195-XXX
JBYP240					N30B30-L240-XXX
JBYP400					N30B30-L400-XXX
.047TIN-W-P-50	A85E39-47T-XXX		A80E80-47T-XXX		
.085TIN-W-P-50	A85E39-85T-XXX	A95E39-85T-XXX			N30B30-85T-XXX
.141TIN-W-P-50	A85E39-141T-XXX	A95E39-141T-XXX			N30B30-141T-XXX
.047SRF-W-P-50	A85E39-47S-XXX		A80E80-47S-XXX		
.085SRF-W-P-50	A85E39-85S-XXX	A95E39-85S-XXX			N30B30-85S-XXX
.141SRF-W-P-50	A85E39-141S-XXX	A95E39-141S-XXX			N30B30-141S-XXX
Cable	N Plug-BNC Reverse Polarity Plug	N Plug-BNC Plug Right Angle	N Plug Right Angle-BNC Plug	N Plug Right Angle-BNC Reverse Polarity Plug	N Plug-BNC Jack
RG174	N30B60-174-XXX	N30B39-174-XXX	N39B30-174-XXX	N39B60-174-XXX	N30B80-174-XXX
RG179		N30B39-179-XXX			N30B80-179-XXX
RG316	N30B60-316-XXX	N30B39-316-XXX	N39B30-316-XXX	N39B60-316-XXX	N30B80-316-XXX
RD316	N30B60-316D-XXX	N30B39-316D-XXX	N39B30-316D-XXX	N39B60-316D-XXX	N30B80-316D-XXX
JBYP100	N30B60-L100-XXX	N30B39-L100-XXX	N39B30-L100-XXX	N39B60-L100-XXX	N30B80-L100-XXX
RG58	N30B60-58-XXX	N30B39-58-XXX	N39B30-58-XXX	N39B60-58-XXX	N30B80-58-XXX
RG59		N30B39-59-XXX	N39B30-59-XXX		N30B80-59-XXX
RG142	N30B60-142-XXX	N30B39-142-XXX	N39B30-142-XXX	N39B60-142-XXX	N30B80-142-XXX
RG223	N30B60-223-XXX	N30B39-223-XXX	N39B30-223-XXX	N39B60-223-XXX	N30B80-223-XXX
JBYP195	N30B60-L195-XXX	N30B39-L195-XXX	N39B30-L195-XXX	N39B60-L195-XXX	N30B80-L195-XXX
JBYP240	N30B60-L240-XXX	N30B39-L240-XXX	N39B30-L240-XXX	N39B60-L240-XXX	N30B80-L240-XXX
JBYP400	N30B60-L400-XXX		N39B30-L400-XXX	N39B60-L400-XXX	
.085TIN-W-P-50	N30B60-85T-XXX	N30B39-85T-XXX	N39B30-85T-XXX	N39B60-85T-XXX	N30B80-85T-XXX
.141TIN-W-P-50	N30B60-141T-XXX	N30B39-141T-XXX	N39B30-141T-XXX	N39B60-141T-XXX	N30B80-141T-XXX
.085SRF-W-P-50	N30B60-85S-XXX	N30B39-85S-XXX	N39B30-85S-XXX	N39B60-85S-XXX	N30B80-85S-XXX
.141SRF-W-P-50	N30B60-141S-XXX	N30B39-141S-XXX	N39B30-141S-XXX	N39B60-141S-XXX	N30B80-141S-XXX
Cable	N Plug-BNC Reverse Polarity Jack	N Jack-BNC Plug	N Jack-BNC Reverse Polarity Plug	N Plug-BNC Jack Bulkhead	N Plug-BNC Reverse Polarity Jack Bulkhead
RG174	N30B90-174-XXX	N80B30-174-XXX	N80B60-174-XXX	N30B85-174-XXX	N30B95-174-XXX
RG316	N30B90-316-XXX	N80B30-316-XXX	N80B60-316-XXX	N30B85-316-XXX	N30B95-316-XXX
RD316	N30B90-316D-XXX	N80B30-316D-XXX	N80B60-316D-XXX	N30B85-316D-XXX	N30B95-316D-XXX
JBYP100	N30B90-L100-XXX	N80B30-L100-XXX	N80B60-L100-XXX	N30B85-L100-XXX	N30B95-L100-XXX
RG58	N30B90-58-XXX	N80B30-58-XXX	N80B60-58-XXX	N30B85-58-XXX	N30B95-58-XXX
RG59		N80B30-59-XXX		N30B85-59-XXX	
RG142	N30B90-142-XXX	N80B30-142-XXX	N80B60-142-XXX	N30B85-142-XXX	N30B95-142-XXX
RG223	N30B90-223-XXX	N80B30-223-XXX	N80B60-223-XXX	N30B85-223-XXX	N30B95-223-XXX
JBYP195	N30B90-L195-XXX	N80B30-L195-XXX	N80B60-L195-XXX	N30B85-L195-XXX	N30B95-L195-XXX
JBYP240	N30B90-L240-XXX	N80B30-L240-XXX	N80B60-L240-XXX	N30B85-L240-XXX	N30B95-L240-XXX
JBYP400		N80B30-L400-XXX	N80B60-L400-XXX		
.085TIN-W-P-50	N30B90-85T-XXX	N80B30-85T-XXX	N80B60-85T-XXX	N30B85-85T-XXX	N30B95-85T-XXX
.141TIN-W-P-50	N30B90-141T-XXX	N80B30-141T-XXX	N80B60-141T-XXX	N30B85-141T-XXX	N30B95-141T-XXX
.085SRF-W-P-50	N30B90-85S-XXX	N80B30-85S-XXX	N80B60-85S-XXX	N30B85-85S-XXX	N30B95-85S-XXX
.141SRF-W-P-50	N30B90-141S-XXX	N80B30-141S-XXX	N80B60-141S-XXX	N30B85-141S-XXX	N30B95-141S-XXX

*XXX= indicate required length in cm

Cable	N Plug Right Angle-BNC Jack Bulkhead	N Plug Right Angle-BNC Reverse Polarity Jack Bulkhead	N Jack Bulkhead-BNC Plug	N Jack Bulkhead-BNC Reverse Polarity Plug	N Jack Bulkhead-BNC Plug Right Angle
RG174	N39B85-174-XXX	N39B95-174-XXX	N85B30-174-XXX	N85B60-174-XXX	N85B39-174-XXX
RG316	N39B85-316-XXX	N39B95-316-XXX	N85B30-316-XXX	N85B60-316-XXX	N85B39-316-XXX
RD316	N39B85-316D-XXX	N39B95-316D-XXX	N85B30-316D-XXX	N85B60-316D-XXX	N85B39-316D-XXX
JBY100	N39B85-L100-XXX	N39B95-L100-XXX	N85B30-L100-XXX	N85B60-L100-XXX	N85B39-L100-XXX
RG58	N39B85-58-XXX	N39B95-58-XXX	N85B30-58-XXX	N85B60-58-XXX	N85B39-58-XXX
RG59	N39B85-59-XXX		N85B30-59-XXX		N85B39-59-XXX
RG142	N39B85-142-XXX	N39B95-142-XXX	N85B30-142-XXX	N85B60-142-XXX	N85B39-142-XXX
RG223	N39B85-223-XXX	N39B95-223-XXX	N85B30-223-XXX	N85B60-223-XXX	N85B39-223-XXX
JBY195	N39B85-L195-XXX	N39B95-L195-XXX	N85B30-L195-XXX	N85B60-L195-XXX	N85B39-L195-XXX
JBY240	N39B85-L240-XXX	N39B95-L240-XXX	N85B30-L240-XXX	N85B60-L240-XXX	N85B39-L240-XXX
.085TIN-W-P-50	N39B85-85T-XXX	N39B95-85T-XXX	N85B30-85T-XXX	N85B60-85T-XXX	N85B39-85T-XXX
.141TIN-W-P-50	N39B85-141T-XXX	N39B95-141T-XXX	N85B30-141T-XXX	N85B60-141T-XXX	N85B39-141T-XXX
.085SRF-W-P-50	N39B85-85S-XXX	N39B95-85S-XXX	N85B30-85S-XXX	N85B60-85S-XXX	N85B39-85S-XXX
.141SRF-W-P-50	N39B85-141S-XXX	N39B95-141S-XXX	N85B30-141S-XXX	N85B60-141S-XXX	N85B39-141S-XXX
Cable	N Jack-BNC Jack	N Jack-BNC Reverse Polarity Jack	N Plug-TNC Plug	N Plug-TNC Reverse Polarity Plug	N Plug-TNC Plug Right Angle
RG174	N80B80-174-XXX	N80B90-174-XXX	N30T30-174-XXX	N30T60-174-XXX	N30T39-174-XXX
RG179			N30T30-179-XXX		N30T39-179-XXX
RG316	N80B80-316-XXX	N80B90-316-XXX	N30T30-316-XXX	N30T60-316-XXX	N30T39-316-XXX
RD316	N80B80-316D-XXX	N80B90-316D-XXX	N30T30-316D-XXX	N30T60-316D-XXX	N30T39-316D-XXX
JBY100	N80B80-L100-XXX	N80B90-L100-XXX	N30T30-L100-XXX	N30T60-L100-XXX	N30T39-L100-XXX
RG58	N80B80-58-XXX	N80B90-58-XXX	N30T30-58-XXX	N30T60-58-XXX	N30T39-58-XXX
RG59	N80B80-59-XXX		N30T30-59-XXX		N30T39-59-XXX
RG142	N80B80-142-XXX	N80B90-142-XXX	N30T30-142-XXX	N30T60-142-XXX	N30T39-142-XXX
RG223	N80B80-223-XXX	N80B90-223-XXX	N30T30-223-XXX	N30T60-223-XXX	N30T39-223-XXX
JBY195	N80B80-L195-XXX	N80B90-L195-XXX	N30T30-L195-XXX	N30T60-L195-XXX	N30T39-L195-XXX
JBY240			N30T30-L240-XXX	N30T60-L240-XXX	N30T39-L240-XXX
JBY400	N80B80-L400-XXX	N80B90-L400-XXX	N30T30-L400-XXX	N30T60-L400-XXX	
.085TIN-W-P-50	N80B80-85T-XXX	N80B90-85T-XXX	N30T30-85T-XXX	N30T60-85T-XXX	N30T39-85T-XXX
.141TIN-W-P-50	N80B80-141T-XXX	N80B90-141T-XXX	N30T30-141T-XXX	N30T60-141T-XXX	N30T39-141T-XXX
.085SRF-W-P-50	N80B80-85S-XXX	N80B90-85S-XXX	N30T30-85S-XXX	N30T60-85S-XXX	N30T39-85S-XXX
.141SRF-W-P-50	N80B80-141S-XXX	N80B90-141S-XXX	N30T30-141S-XXX	N30T60-141S-XXX	N30T39-141S-XXX
Cable	N Plug Right Angle-TNC Plug	N Plug Right Angle-TNC Reverse Polarity Plug	N Plug-TNC Jack	N Plug-TNC Reverse Polarity Jack	N Jack-TNC Plug
RG174	N39T30-174-XXX	N39T60-174-XXX	N30T80-174-XXX	N30T90-174-XXX	N80T30-174-XXX
RG179			N30T80-179-XXX		
RG316	N39T30-316-XXX	N39T60-316-XXX	N30T80-316-XXX	N30T90-316-XXX	N80T30-316-XXX
RD316	N39T30-316D-XXX	N39T60-316D-XXX	N30T80-316D-XXX	N30T90-316D-XXX	N80T30-316D-XXX
JBY100	N39T30-L100-XXX	N39T60-L100-XXX	N30T80-L100-XXX	N30T90-L100-XXX	N80T30-L100-XXX
RG58	N39T30-58-XXX	N39T60-58-XXX	N30T80-58-XXX	N30T90-58-XXX	N80T30-58-XXX
RG59	N39T30-59-XXX		N30T80-59-XXX		N80T30-59-XXX
RG142	N39T30-142-XXX	N39T60-142-XXX	N30T80-142-XXX	N30T90-142-XXX	N80T30-142-XXX
RG223	N39T30-223-XXX	N39T60-223-XXX	N30T80-223-XXX	N30T90-223-XXX	N80T30-223-XXX
JBY195	N39T30-L195-XXX	N39T60-L195-XXX	N30T80-L195-XXX	N30T90-L195-XXX	N80T30-L195-XXX
JBY240	N39T30-L240-XXX	N39T60-L240-XXX	N30T80-L240-XXX	N30T90-L240-XXX	N80T30-L240-XXX
JBY400	N39T30-L400-XXX	N39T60-L400-XXX			N80T30-L400-XXX
.085TIN-W-P-50	N39T30-85T-XXX	N39T60-85T-XXX	N30T80-85T-XXX	N30T90-85T-XXX	N80T30-85T-XXX
.141TIN-W-P-50	N39T30-141T-XXX	N39T60-141T-XXX	N30T80-141T-XXX	N30T90-141T-XXX	N80T30-141T-XXX
.085SRF-W-P-50	N39T30-85S-XXX	N39T60-85S-XXX	N30T80-85S-XXX	N30T90-85S-XXX	N80T30-85S-XXX
.141SRF-W-P-50	N39T30-141S-XXX	N39T60-141S-XXX	N30T80-141S-XXX	N30T90-141S-XXX	N80T30-141S-XXX

*XXX= indicate required length in cm

Cable	N Jack-TNC Reverse Polarity Plug	N Plug- TNC Jack Bulkhead	N Plug- TNC Reverse Polarity Jack Bulkhead	N Plug Right Angle- TNC Jack Bulkhead	N Plug Right Angle-TNC Reverse Polarity Jack Bulkhead
RG174	N80T60-174-XXX	N30T85-174-XXX	N30T95-174-XXX	N39T85-174-XXX	N39T95-174-XXX
RG316	N80T60-316-XXX	N30T85-316-XXX	N30T95-316-XXX	N39T85-316-XXX	N39T95-316-XXX
RD316	N80T60-316D-XXX	N30T85-316D-XXX	N30T95-316D-XXX	N39T85-316D-XXX	N39T95-316D-XXX
JBY100	N80T60-L100-XXX	N30T85-L100-XXX	N30T95-L100-XXX	N39T85-L100-XXX	N39T95-L100-XXX
RG58	N80T60-58-XXX	N30T85-58-XXX	N30T95-58-XXX	N39T85-58-XXX	N39T95-58-XXX
RG59		N30T85-59-XXX		N39T85-59-XXX	
RG142	N80T60-142-XXX	N30T85-142-XXX	N30T95-142-XXX	N39T85-142-XXX	N39T95-142-XXX
RG223	N80T60-223-XXX	N30T85-223-XXX	N30T95-223-XXX	N39T85-223-XXX	N39T95-223-XXX
JBY195	N80T60-L195-XXX	N30T85-L195-XXX	N30T95-L195-XXX	N39T85-L195-XXX	N39T95-L195-XXX
JBY240	N80T60-L240-XXX	N30T85-L240-XXX	N30T95-L240-XXX	N39T85-L240-XXX	N39T95-L240-XXX
JBY400	N80T60-L400-XXX				
.085TIN-W-P-50	N80T60-85T-XXX	N30T85-85T-XXX	N30T95-85T-XXX	N39T85-85T-XXX	N39T95-85T-XXX
.141TIN-W-P-50	N80T60-141T-XXX	N30T85-141T-XXX	N30T95-141T-XXX	N39T85-141T-XXX	N39T95-141T-XXX
.085SRF-W-P-50	N80T60-85S-XXX	N30T85-85S-XXX	N30T95-85S-XXX	N39T85-85S-XXX	N39T95-85S-XXX
.141SRF-W-P-50	N80T60-141S-XXX	N30T85-141S-XXX	N30T95-141S-XXX	N39T85-141S-XXX	N39T95-141S-XXX
Cable	N Jack Bulkhead-TNC Plug	N Jack Bulkhead-TNC Reverse Polarity Plug	N Jack Bulkhead-TNC Plug Right Angle	N Jack-TNC Jack	N Jack-TNC Reverse Polarity Jack
RG174	N85T30-174-XXX	N85T60-174-XXX	N85T39-174-XXX	N80T80-174-XXX	N80T90-174-XXX
RG316	N85T30-316-XXX	N85T60-316-XXX	N85T39-316-XXX	N80T80-316-XXX	N80T90-316-XXX
RD316	N85T30-316D-XXX	N85T60-316D-XXX	N85T39-316D-XXX	N80T80-316D-XXX	N80T90-316D-XXX
JBY100	N85T30-L100-XXX	N85T60-L100-XXX	N85T39-L100-XXX	N80T80-L100-XXX	N80T90-L100-XXX
RG58	N85T30-58-XXX	N85T60-58-XXX	N85T39-58-XXX	N80T80-58-XXX	N80T90-58-XXX
RG59	N85T30-59-XXX		N85T39-59-XXX	N80T80-59-XXX	
RG142	N85T30-142-XXX	N85T60-142-XXX	N85T39-142-XXX	N80T80-142-XXX	N80T90-142-XXX
RG223	N85T30-223-XXX	N85T60-223-XXX	N85T39-223-XXX	N80T80-223-XXX	N80T90-223-XXX
JBY195	N85T30-L195-XXX	N85T60-L195-XXX	N85T39-L195-XXX	N80T80-L195-XXX	N80T90-L195-XXX
JBY240	N85T30-L240-XXX	N85T60-L240-XXX	N85T39-L240-XXX	N80T80-L240-XXX	N80T90-L240-XXX
JBY400				N80T80-L400-XXX	N80T90-L400-XXX
.085TIN-W-P-50	N85T30-85T-XXX	N85T60-85T-XXX	N85T39-85T-XXX	N80T80-85T-XXX	N80T90-85T-XXX
.141TIN-W-P-50	N85T30-141T-XXX	N85T60-141T-XXX	N85T39-141T-XXX	N80T80-141T-XXX	N80T90-141T-XXX
.085SRF-W-P-50	N85T30-85S-XXX	N85T60-85S-XXX	N85T39-85S-XXX	N80T80-85S-XXX	N80T90-85S-XXX
.141SRF-W-P-50	N85T30-141S-XXX	N85T60-141S-XXX	N85T39-141S-XXX	N80T80-141S-XXX	N80T90-141S-XXX
Cable	BNC Plug-TNC Plug	BNC Reverse Polarity Plug -TNC Plug	BNC Plug-TNC Reverse Polarity Plug	BNC Reverse Polarity Plug -TNC Reverse Polarity Plug	BNC Plug-TNC Plug Right Angle
RG174	B30T30-174-XXX	B60T30-174-XXX	B30T60-174-XXX	B60T60-174-XXX	B30T39-174-XXX
RG179	B30T30-179-XXX				B30T39-179-XXX
RG316	B30T30-316-XXX	B60T30-316-XXX	B30T60-316-XXX	B60T60-316-XXX	B30T39-316-XXX
RD316	B30T30-316D-XXX	B60T30-316D-XXX	B30T60-316D-XXX	B60T60-316D-XXX	B30T39-316D-XXX
JBY100	B30T30-L100-XXX	B60T30-L100-XXX	B30T60-L100-XXX	B60T60-L100-XXX	B30T39-L100-XXX
RG58	B30T30-58-XXX	B60T30-58-XXX	B30T60-58-XXX	B60T60-58-XXX	B30T39-58-XXX
RG59	B30T30-59-XXX				B30T39-59-XXX
RG142	B30T30-142-XXX	B60T30-142-XXX	B30T60-142-XXX	B60T60-142-XXX	B30T39-142-XXX
RG223	B30T30-223-XXX	B60T30-223-XXX	B30T60-223-XXX	B60T60-223-XXX	B30T39-223-XXX
JBY195	B30T30-L195-XXX	B60T30-L195-XXX	B30T60-L195-XXX	B60T60-L195-XXX	B30T39-L195-XXX
JBY240	B30T30-L240-XXX	B60T30-L240-XXX	B30T60-L240-XXX	B60T60-L240-XXX	B30T39-L240-XXX
JBY400	B30T30-L400-XXX	B60T30-L400-XXX	B30T60-L400-XXX	B60T60-L400-XXX	
.085TIN-W-P-50	B30T30-85T-XXX	B60T30-85T-XXX	B30T60-85T-XXX	B60T60-85T-XXX	B30T39-85T-XXX
.141TIN-W-P-50	B30T30-141T-XXX	B60T30-141T-XXX	B30T60-141T-XXX	B60T60-141T-XXX	B30T39-141T-XXX
.085SRF-W-P-50	B30T30-85S-XXX	B60T30-85S-XXX	B30T60-85S-XXX	B60T60-85S-XXX	B30T39-85S-XXX
.141SRF-W-P-50	B30T30-141S-XXX	B60T30-141S-XXX	B30T60-141S-XXX	B60T60-141S-XXX	B30T39-141S-XXX

*XXX= indicate required length in cm

Cable	BNC Reverse Polarity Plug-TNC Plug Right Angle	BNC Plug Right Angle-TNC Plug	BNC Plug Right Angle-TNC Reverse Polarity Plug	BNC Plug Right Angle-TNC Plug Right Angle	BNC Plug-TNC Jack
RG174	B60T39-174-XXX	B39T30-174-XXX	B39T60-174-XXX	B39T39-174-XXX	B30T80-174-XXX
RG179		B39T30-179-XXX		B39T39-179-XXX	B30T80-179-XXX
RG316	B60T39-316-XXX	B39T30-316-XXX	B39T60-316-XXX	B39T39-316-XXX	B30T80-316-XXX
RD316	B60T39-316D-XXX	B39T30-316D-XXX	B39T60-316D-XXX	B39T39-316D-XXX	B30T80-316D-XXX
JBY100	B60T39-L100-XXX	B39T30-L100-XXX	B39T60-L100-XXX	B39T39-L100-XXX	B30T80-L100-XXX
RG58	B60T39-58-XXX	B39T30-58-XXX	B39T60-58-XXX	B39T39-58-XXX	B30T80-58-XXX
RG59		B39T30-59-XXX		B39T39-59-XXX	B30T80-59-XXX
RG142	B60T39-142-XXX	B39T30-142-XXX	B39T60-142-XXX	B39T39-142-XXX	B30T80-142-XXX
RG223	B60T39-223-XXX	B39T30-223-XXX	B39T60-223-XXX	B39T39-223-XXX	B30T80-223-XXX
JBY195	B60T39-L195-XXX	B39T30-L195-XXX	B39T60-L195-XXX	B39T39-L195-XXX	B30T80-L195-XXX
JBY240	B60T39-L240-XXX	B39T30-L240-XXX	B39T60-L240-XXX	B39T39-L240-XXX	
JBY400					B30T80-L400-XXX
.085TIN-W-P-50	B60T39-85T-XXX	B39T30-85T-XXX	B39T60-85T-XXX	B39T39-85T-XXX	B30T80-85T-XXX
.141TIN-W-P-50	B60T39-141T-XXX	B39T30-141T-XXX	B39T60-141T-XXX	B39T39-141T-XXX	B30T80-141T-XXX
.085SRF-W-P-50	B60T39-85S-XXX	B39T30-85S-XXX	B39T60-85S-XXX	B39T39-85S-XXX	B30T80-85S-XXX
.141SRF-W-P-50	B60T39-141S-XXX	B39T30-141S-XXX	B39T60-141S-XXX	B39T39-141S-XXX	B30T80-141S-XXX
Cable	BNC Reverse Polarity Plug-TNC Jack	BNC Plug-TNC Reverse Polarity Jack	BNC Reverse Polarity Plug -TNC Reverse Polarity Jack	BNC Jack-TNC Plug	BNC Reverse Polarity Jack -TNC Plug
RG174	B60T80-174-XXX	B30T90-174-XXX	B60T90-174-XXX	B80T30-174-XXX	B90T30-174-XXX
RG179				B80T30-179-XXX	
RG316	B60T80-316-XXX	B30T90-316-XXX	B60T90-316-XXX	B80T30-316-XXX	B90T30-316-XXX
RD316	B60T80-316D-XXX	B30T90-316D-XXX	B60T90-316D-XXX	B80T30-316D-XXX	B90T30-316D-XXX
JBY100	B60T80-L100-XXX	B30T90-L100-XXX	B60T90-L100-XXX	B80T30-L100-XXX	B90T30-L100-XXX
RG58	B60T80-58-XXX	B30T90-58-XXX	B60T90-58-XXX	B80T30-58-XXX	B90T30-58-XXX
RG59				B80T30-59-XXX	
RG142	B60T80-142-XXX	B30T90-142-XXX	B60T90-142-XXX	B80T30-142-XXX	B90T30-142-XXX
RG223	B60T80-223-XXX	B30T90-223-XXX	B60T90-223-XXX	B80T30-223-XXX	B90T30-223-XXX
JBY195	B60T80-L195-XXX	B30T90-L195-XXX	B60T90-L195-XXX	B80T30-L195-XXX	B90T30-L195-XXX
JBY240				B80T30-L240-XXX	B90T30-L240-XXX
JBY400	B60T80-L400-XXX	B30T90-L400-XXX	B60T90-L400-XXX	B80T30-L400-XXX	B90T30-L400-XXX
.085TIN-W-P-50	B60T80-85T-XXX	B30T90-85T-XXX	B60T90-85T-XXX	B80T30-85T-XXX	B90T30-85T-XXX
.141TIN-W-P-50	B60T80-141T-XXX	B30T90-141T-XXX	B60T90-141T-XXX	B80T30-141T-XXX	B90T30-141T-XXX
.085SRF-W-P-50	B60T80-85S-XXX	B30T90-85S-XXX	B60T90-85S-XXX	B80T30-85S-XXX	B90T30-85S-XXX
.141SRF-W-P-50	B60T80-141S-XXX	B30T90-141S-XXX	B60T90-141S-XXX	B80T30-141S-XXX	B90T30-141S-XXX

*XXX= indicate required length in cm

Cable	BNC Jack-TNC Reverse Polarity Plug	BNC Reverse Polarity Jack -TNC Reverse Polarity Plug	BNC Plug-TNC Jack Bulkhead	BNC Reverse Polarity Plug - TNC Jack Bulkhead	BNC Plug- TNC Reverse Polarity Jack Bulkhead
RG174	B80T60-174-XXX	B90T60-174-XXX	B30T85-174-XXX	B60T85-174-XXX	B30T95-174-XXX
RG179			B30T85-179-XXX		
RG316	B80T60-316-XXX	B90T60-316-XXX	B30T85-316-XXX	B60T85-316-XXX	B30T95-316-XXX
RD316	B80T60-316D-XXX	B90T60-316D-XXX	B30T85-316D-XXX	B60T85-316D-XXX	B30T95-316D-XXX
JBY100	B80T60-L100-XXX	B90T60-L100-XXX	B30T85-L100-XXX	B60T85-L100-XXX	B30T95-L100-XXX
RG58	B80T60-58-XXX	B90T60-58-XXX	B30T85-58-XXX	B60T85-58-XXX	B30T95-58-XXX
RG59			B30T85-59-XXX		
RG142	B80T60-142-XXX	B90T60-142-XXX	B30T85-142-XXX	B60T85-142-XXX	B30T95-142-XXX
RG223	B80T60-223-XXX	B90T60-223-XXX	B30T85-223-XXX	B60T85-223-XXX	B30T95-223-XXX
JBY195	B80T60-L195-XXX	B90T60-L195-XXX	B30T85-L195-XXX	B60T85-L195-XXX	B30T95-L195-XXX
JBY240	B80T60-L240-XXX	B90T60-L240-XXX	B30T85-L240-XXX	B60T85-L240-XXX	B30T95-L240-XXX
JBY400	B80T60-L400-XXX	B90T60-L400-XXX			
.085TIN-W-P-50	B80T60-85T-XXX	B90T60-85T-XXX	B30T85-85T-XXX	B60T85-85T-XXX	B30T95-85T-XXX
.141TIN-W-P-50	B80T60-141T-XXX	B90T60-141T-XXX	B30T85-141T-XXX	B60T85-141T-XXX	B30T95-141T-XXX
.085SRF-W-P-50	B80T60-85S-XXX	B90T60-85S-XXX	B30T85-85S-XXX	B60T85-85S-XXX	B30T95-85S-XXX
.141SRF-W-P-50	B80T60-141S-XXX	B90T60-141S-XXX	B30T85-141S-XXX	B60T85-141S-XXX	B30T95-141S-XXX
Cable	BNC Reverse Polarity Plug - TNC Reverse Polarity Jack Bulkhead	BNC Jack Bulkhead-TNC Plug	BNC Reverse Polarity Jack Bulkhead-TNC Plug	BNC Jack Bulkhead-TNC Reverse Polarity Plug	BNC Reverse Polarity Jack Bulkhead-TNC Reverse Polarity Plug
RG174	B60T95-174-XXX	B85T30-174-XXX	B95T30-174-XXX	B85T60-174-XXX	B95T60-174-XXX
RG179		B85T30-179-XXX			
RG316	B60T95-316-XXX	B85T30-316-XXX	B95T30-316-XXX	B85T60-316-XXX	B95T60-316-XXX
RD316	B60T95-316D-XXX	B85T30-316D-XXX	B95T30-316D-XXX	B85T60-316D-XXX	B95T60-316D-XXX
JBY100	B60T95-L100-XXX	B85T30-L100-XXX	B95T30-L100-XXX	B85T60-L100-XXX	B95T60-L100-XXX
RG58	B60T95-58-XXX	B85T30-58-XXX	B95T30-58-XXX	B85T60-58-XXX	B95T60-58-XXX
RG59		B85T30-59-XXX			
RG142	B60T95-142-XXX	B85T30-142-XXX	B95T30-142-XXX	B85T60-142-XXX	B95T60-142-XXX
RG223	B60T95-223-XXX	B85T30-223-XXX	B95T30-223-XXX	B85T60-223-XXX	B95T60-223-XXX
JBY195	B60T95-L195-XXX	B85T30-L195-XXX	B95T30-L195-XXX	B85T60-L195-XXX	B95T60-L195-XXX
JBY240	B60T95-L240-XXX	B85T30-L240-XXX	B95T30-L240-XXX	B85T60-L240-XXX	B95T60-L240-XXX
.085TIN-W-P-50	B60T95-85T-XXX	B85T30-85T-XXX	B95T30-85T-XXX	B85T60-85T-XXX	B95T60-85T-XXX
.141TIN-W-P-50	B60T95-141T-XXX	B85T30-141T-XXX	B95T30-141T-XXX	B85T60-141T-XXX	B95T60-141T-XXX
.085SRF-W-P-50	B60T95-85S-XXX	B85T30-85S-XXX	B95T30-85S-XXX	B85T60-85S-XXX	B95T60-85S-XXX
.141SRF-W-P-50	B60T95-141S-XXX	B85T30-141S-XXX	B95T30-141S-XXX	B85T60-141S-XXX	B95T60-141S-XXX
Cable	BNC Plug Right Angle-TNC Jack Bulkhead	BNC Plug Right Angle-TNC Reverse Polarity Jack Bulkhead	BNC Jack Bulkhead-TNC Plug Right Angle	BNC Reverse Polarity Jack Bulkhead-TNC Plug Right Angle	BNC Jack-TNC Jack
RG174	B39T85-174-XXX	B39T95-174-XXX	B85T39-174-XXX	B95T39-174-XXX	B80T80-174-XXX
RG179	B39T85-179-XXX		B85T39-179-XXX		B80T80-179-XXX
RG316	B39T85-316-XXX	B39T95-316-XXX	B85T39-316-XXX	B95T39-316-XXX	B80T80-316-XXX
RD316	B39T85-316D-XXX	B39T95-316D-XXX	B85T39-316D-XXX	B95T39-316D-XXX	B80T80-316D-XXX
JBY100	B39T85-L100-XXX	B39T95-L100-XXX	B85T39-L100-XXX	B95T39-L100-XXX	B80T80-L100-XXX
RG58	B39T85-58-XXX	B39T95-58-XXX	B85T39-58-XXX	B95T39-58-XXX	B80T80-58-XXX
RG59	B39T85-59-XXX		B85T39-59-XXX		B80T80-59-XXX
RG142	B39T85-142-XXX	B39T95-142-XXX	B85T39-142-XXX	B95T39-142-XXX	B80T80-142-XXX
RG223	B39T85-223-XXX	B39T95-223-XXX	B85T39-223-XXX	B95T39-223-XXX	B80T80-223-XXX
JBY195	B39T85-L195-XXX	B39T95-L195-XXX	B85T39-L195-XXX	B95T39-L195-XXX	B80T80-L195-XXX
JBY240	B39T85-L240-XXX	B39T95-L240-XXX	B85T39-L240-XXX	B95T39-L240-XXX	

*XXX= indicate required length in cm

Cable	BNC Plug Right Angle-TNC Jack Bulkhead	BNC Plug Right Angle- TNC Reverse Polarity Jack Bulkhead	BNC Jack Bulkhead-TNC Plug Right Angle	BNC Reverse Polarity Jack Bulkhead-TNC Plug Right Angle	BNC Jack-TNC Jack
JBY400					B80T80-L400-XXX
.085TIN-W-P-50	B39T85-85T-XXX	B39T95-85T-XXX	B85T39-85T-XXX	B95T39-85T-XXX	B80T80-85T-XXX
.141TIN-W-P-50	B39T85-141T-XXX	B39T95-141T-XXX	B85T39-141T-XXX	B95T39-141T-XXX	B80T80-141T-XXX
.085SRF-W-P-50	B39T85-85S-XXX	B39T95-85S-XXX	B85T39-85S-XXX	B95T39-85S-XXX	B80T80-85S-XXX
.141SRF-W-P-50	B39T85-141S-XXX	B39T95-141S-XXX	B85T39-141S-XXX	B95T39-141S-XXX	B80T80-141S-XXX
Cable	BNC Reverse Polarity Jack -TNC Jack	BNC Jack-TNC Reverse Polarity Jack	BNC Reverse Polarity Jack -TNC Reverse Polarity Jack	MHV Plug-SHV Plug	MHV Plug-SHV Plug Right Angle
RG174	B90T80-174-XXX	B80T90-174-XXX	B90T90-174-XXX		
RG316	B90T80-316-XXX	B80T90-316-XXX	B90T90-316-XXX		
RD316	B90T80-316D-XXX	B80T90-316D-XXX	B90T90-316D-XXX		
JBY100	B90T80-L100-XXX	B80T90-L100-XXX	B90T90-L100-XXX		
RG58	B90T80-58-XXX	B80T90-58-XXX	B90T90-58-XXX	H30V30-58-XXX	H30V39-58-XXX
RG59				H30V30-59-XXX	H30V39-59-XXX
RG142	B90T80-142-XXX	B80T90-142-XXX	B90T90-142-XXX	H30V30-142-XXX	
RG223	B90T80-223-XXX	B80T90-223-XXX	B90T90-223-XXX	H30V30-223-XXX	
JBY195	B90T80-L195-XXX	B80T90-L195-XXX	B90T90-L195-XXX		
JBY400	B90T80-L400-XXX	B80T90-L400-XXX	B90T90-L400-XXX		
.085TIN-W-P-50	B90T80-85T-XXX	B80T90-85T-XXX	B90T90-85T-XXX		
.141TIN-W-P-50	B90T80-141T-XXX	B80T90-141T-XXX	B90T90-141T-XXX		
.085SRF-W-P-50	B90T80-85S-XXX	B80T90-85S-XXX	B90T90-85S-XXX		
.141SRF-W-P-50	B90T80-141S-XXX	B80T90-141S-XXX	B90T90-141S-XXX		
Cable	MHV Plug Right Angle-SHV Plug	SMB Plug-SMC Plug	SMB Plug-SMC Plug Right Angle	SMB Plug Right Angle-SMC Plug	SMB Plug Right Angle-SMC Plug Right Angle
RG174		S30MC30-174-XXX	S30MC39-174-XXX	S39MC30-174-XXX	S39MC39-174-XXX
RG178		S30MC30-178-XXX	S30MC39-178-XXX	S39MC30-178-XXX	S39MC39-178-XXX
RG316		S30MC30-316-XXX	S30MC39-316-XXX	S39MC30-316-XXX	S39MC39-316-XXX
RD316		S30MC30-316D-XXX	S30MC39-316D-XXX	S39MC30-316D-XXX	S39MC39-316D-XXX
JBY100		S30MC30-L100-XXX	S30MC39-L100-XXX	S39MC30-L100-XXX	S39MC39-L100-XXX
RG58	H39V30-58-XXX	S30MC30-58-XXX	S30MC39-58-XXX	S39MC30-58-XXX	S39MC39-58-XXX
RG142		S30MC30-142-XXX	S30MC39-142-XXX	S39MC30-142-XXX	S39MC39-142-XXX
RG223		S30MC30-223-XXX	S30MC39-223-XXX	S39MC30-223-XXX	S39MC39-223-XXX
JBY195		S30MC30-L195-XXX	S30MC39-L195-XXX	S39MC30-L195-XXX	S39MC39-L195-XXX
.085TIN-W-P-50		S30MC30-85T-XXX	S30MC39-85T-XXX	S39MC30-85T-XXX	S39MC39-85T-XXX
.141TIN-W-P-50		S30MC30-141T-XXX		S39MC30-141T-XXX	
.085SRF-W-P-50		S30MC30-85S-XXX	S30MC39-85S-XXX	S39MC30-85S-XXX	S39MC39-85S-XXX
.141SRF-W-P-50		S30MC30-141S-XXX		S39MC30-141S-XXX	
Cable	SMB Plug-SMC Jack	SMB Jack-SMC Plug	SMB Plug- SMC Jack Bulkhead	SMB Plug Right Angle-SMC Jack Bulkhead	SMB Jack Bulkhead-SMC Plug
RG174	S30MC80-174-XXX	S80MC30-174-XXX	S30MC85-174-XXX	S39MC85-174-XXX	S85MC30-174-XXX
RG178	S30MC80-178-XXX	S80MC30-178-XXX	S30MC85-178-XXX	S39MC85-178-XXX	S85MC30-178-XXX
RG316	S30MC80-316-XXX	S80MC30-316-XXX	S30MC85-316-XXX	S39MC85-316-XXX	S85MC30-316-XXX
RD316	S30MC80-316D-XXX	S80MC30-316D-XXX	S30MC85-316D-XXX	S39MC85-316D-XXX	S85MC30-316D-XXX
JBY100	S30MC80-L100-XXX	S80MC30-L100-XXX	S30MC85-L100-XXX	S39MC85-L100-XXX	S85MC30-L100-XXX
RG58	S30MC80-58-XXX	S80MC30-58-XXX			

*XXX= indicate required length in cm

Cable	SMB Plug-SMC Jack	SMB Jack-SMC Plug	SMB Plug- SMC Jack Bulkhead	SMB Plug Right Angle-SMC Jack Bulkhead	SMB Jack Bulkhead-SMC Plug
RG142	S30MC80-142-XXX	S80MC30-142-XXX			
RG223	S30MC80-223-XXX	S80MC30-223-XXX			
JBY195	S30MC80-L195-XXX	S80MC30-L195-XXX			
.085TIN-W-P-50	S30MC80-85T-XXX	S80MC30-85T-XXX	S30MC85-85T-XXX	S39MC85-85T-XXX	S85MC30-85T-XXX
.141TIN-W-P-50	S30MC80-141T-XXX	S80MC30-141T-XXX			S85MC30-141T-XXX
.085SRF-W-P-50	S30MC80-85S-XXX	S80MC30-85S-XXX	S30MC85-85S-XXX	S39MC85-85S-XXX	S85MC30-85S-XXX
.141SRF-W-P-50	S30MC80-141S-XXX	S80MC30-141S-XXX			S85MC30-141S-XXX
Cable	SMB Jack Bulkhead-SMC Plug Right Angle	SMB Jack-SMC Jack	MCX Plug-MMCX Plug	MCX Plug-MMCX Plug Right Angle	MCX Plug Right Angle-MMCX Plug
RG174	S85MC39-174-XXX	S80MC80-174-XXX	D30E30-174-XXX	D30E39-174-XXX	D39E30-174-XXX
RG178	S85MC39-178-XXX	S80MC80-178-XXX	D30E30-178-XXX	D30E39-178-XXX	D39E30-178-XXX
RG316	S85MC39-316-XXX	S80MC80-316-XXX	D30E30-316-XXX	D30E39-316-XXX	D39E30-316-XXX
RD316	S85MC39-316D-XXX	S80MC80-316D-XXX	D30E30-316D-XXX	D30E39-316D-XXX	D39E30-316D-XXX
JBY100	S85MC39-L100-XXX	S80MC80-L100-XXX	D30E30-L100-XXX	D30E39-L100-XXX	D39E30-L100-XXX
RG58		S80MC80-58-XXX			
RG142		S80MC80-142-XXX			
RG223		S80MC80-223-XXX			
JBY195		S80MC80-L195-XXX			
.047TIN-W-P-50			D30E30-47T-XXX	D30E39-47T-XXX	D39E30-47T-XXX
.085TIN-W-P-50	S85MC39-85T-XXX	S80MC80-85T-XXX	D30E30-85T-XXX	D30E39-85T-XXX	D39E30-85T-XXX
.141TIN-W-P-50		S80MC80-141T-XXX		D30E39-141T-XXX	
.047SRF-W-P-50			D30E30-47S-XXX	D30E39-47S-XXX	D39E30-47S-XXX
.085SRF-W-P-50	S85MC39-85S-XXX	S80MC80-85S-XXX	D30E30-85S-XXX	D30E39-85S-XXX	D39E30-85S-XXX
.141SRF-W-P-50		S80MC80-141S-XXX		D30E39-141S-XXX	
Cable	MCX Plug Right Angle-MMCX Plug Right Angle	MCX Plug-MMCX Jack	MCX Jack-MMCX Plug	MCX Plug- MMCX Jack Bulkhead	MCX Plug Right Angle- MMCX Jack Bulkhead
RG174	D39E39-174-XXX	D30E80-174-XXX	D80E30-174-XXX		
RG178	D39E39-178-XXX		D80E30-178-XXX	D30E85-178-XXX	D39E85-178-XXX
RG316	D39E39-316-XXX	D30E80-316-XXX	D80E30-316-XXX		
RD316	D39E39-316D-XXX	D30E80-316D-XXX	D80E30-316D-XXX		
JBY100	D39E39-L100-XXX	D30E80-L100-XXX	D80E30-L100-XXX		
.047TIN-W-P-50	D39E39-47T-XXX	D30E80-47T-XXX	D80E30-47T-XXX	D30E85-47T-XXX	D39E85-47T-XXX
.085TIN-W-P-50	D39E39-85T-XXX		D80E30-85T-XXX	D30E85-85T-XXX	D39E85-85T-XXX
.141TIN-W-P-50	D39E39-141T-XXX				
.047SRF-W-P-50	D39E39-47S-XXX	D30E80-47S-XXX	D80E30-47S-XXX	D30E85-47S-XXX	D39E85-47S-XXX
.085SRF-W-P-50	D39E39-85S-XXX		D80E30-85S-XXX	D30E85-85S-XXX	D39E85-85S-XXX
.141SRF-W-P-50	D39E39-141S-XXX				
Cable	MCX Jack Bulkhead-MMCX Plug	MCX Jack Bulkhead-MMCX Plug Right Angle	MCX Jack-MMCX Jack		
RG174	D85E30-174-XXX	D85E39-174-XXX	D80E80-174-XXX		
RG316	D85E30-316-XXX	D85E39-316-XXX	D80E80-316-XXX		
RD316	D85E30-316D-XXX	D85E39-316D-XXX	D80E80-316D-XXX		
JBY100	D85E30-L100-XXX	D85E39-L100-XXX	D80E80-L100-XXX		
.047TIN-W-P-50			D80E80-47T-XXX		
.047SRF-W-P-50			D80E80-47S-XXX		

*XXX= indicate required length in cm

Cable	SMP Jack-SMP Jack	SMP Jack -SMP Jack Right Angle	SMP Jack Right Angle-SMP Jack Right Angle	SMPM Jack -SMPM Jack	SMPM Jack -SMPM Jack Right Angle
RG174	P80P80-174-XXX	P80P89-174-XXX	P89P89-174-XXX		
RG316	P80P80-316-XXX	P80P89-316-XXX	P89P89-316-XXX		
RD316	P80P80-316D-XXX	P80P89-316D-XXX	P89P89-316D-XXX		
JBY100	P80P80-L100-XXX	P80P89-L100-XXX	P89P89-L100-XXX		
.047TIN-W-P-50	P80P80-47T-XXX	P80P89-47T-XXX	P89P89-47T-XXX	PM80PM80-47T-XXX	PM80PM89-47T-XXX
.085TIN-W-P-50	P80P80-85T-XXX	P80P89-85T-XXX	P89P89-85T-XXX	PM80PM80-85T-XXX	PM80PM89-85T-XXX
.047SRF-W-P-50	P80P80-47S-XXX	P80P89-47S-XXX	P89P89-47S-XXX	PM80PM80-47S-XXX	PM80PM89-47S-XXX
.085SRF-W-P-50	P80P80-85S-XXX	P80P89-85S-XXX	P89P89-85S-XXX	PM80PM80-85S-XXX	PM80PM89-85S-XXX
Cable	SMPM Jack Right Angle-SMPM Jack Right Angle	SMP Jack -SMPM Jack	SMP Jack -SMPM Jack Right Angle	SMP Jack Right Angle-SMPM Jack	SMP Jack Right Angle-SMPM Jack Right Angle
.047TIN-W-P-50	PM89PM89-47T-XXX	P80PM80-47T-XXX	P80PM89-47T-XXX	P89PM80-47T-XXX	P89PM89-47T-XXX
.085TIN-W-P-50	PM89PM89-85T-XXX	P80PM80-85T-XXX	P80PM89-85T-XXX	P89PM80-85T-XXX	P89PM89-85T-XXX
.047SRF-W-P-50	PM89PM89-47S-XXX	P80PM80-47S-XXX	P80PM89-47S-XXX	P89PM80-47S-XXX	P89PM89-47S-XXX
.085SRF-W-P-50	PM89PM89-85S-XXX	P80PM80-85S-XXX	P80PM89-85S-XXX	P89PM80-85S-XXX	P89PM89-85S-XXX
Cable	SMA Plug -SMP Jack	SMA Plug Right Angle-SMP Jack	SMA Jack -SMP Jack	SMA Jack Bulkhead-SMP Jack	SMA Plug -SMP Jack Right Angle
RG174	A30P80-174-XXX	A39P80-174-XXX	A80P80-174-XXX	A85P80-174-XXX	A30P89-174-XXX
RG316	A30P80-316-XXX	A39P80-316-XXX	A80P80-316-XXX	A85P80-316-XXX	A30P89-316-XXX
RD316	A30P80-316D-XXX	A39P80-316D-XXX	A80P80-316D-XXX	A85P80-316D-XXX	A30P89-316D-XXX
JBY100	A30P80-L100-XXX	A39P80-L100-XXX	A80P80-L100-XXX	A85P80-L100-XXX	A30P89-L100-XXX
.047TIN-W-P-50	A30P80-47T-XXX	A39P80-47T-XXX	A80P80-47T-XXX	A85P80-47T-XXX	A30P89-47T-XXX
.085TIN-W-P-50	A30P80-85T-XXX	A39P80-85T-XXX	A80P80-85T-XXX	A85P80-85T-XXX	A30P89-85T-XXX
.047SRF-W-P-50	A30P80-47S-XXX	A39P80-47S-XXX	A80P80-47S-XXX	A85P80-47S-XXX	A30P89-47S-XXX
.085SRF-W-P-50	A30P80-85S-XXX	A39P80-85S-XXX	A80P80-85S-XXX	A85P80-85S-XXX	A30P89-85S-XXX
Cable	SMA Plug Right Angle-SMP Jack Right Angle	SMA Jack -SMP Jack Right Angle	SMA Jack Bulkhead-SMP Jack Right Angle	SMA Plug -SMPM Jack	SMA Plug Right Angle-SMPM Jack
RG174	A39P89-174-XXX	A80P89-174-XXX	A85P89-174-XXX		
RG316	A39P89-316-XXX	A80P89-316-XXX	A85P89-316-XXX		
RD316	A39P89-316D-XXX	A80P89-316D-XXX	A85P89-316D-XXX		
JBY100	A39P89-L100-XXX	A80P89-L100-XXX	A85P89-L100-XXX		
.047TIN-W-P-50	A39P89-47T-XXX	A80P89-47T-XXX	A85P89-47T-XXX	A30PM80-47T-XXX	A39PM80-47T-XXX
.085TIN-W-P-50	A39P89-85T-XXX	A80P89-85T-XXX	A85P89-85T-XXX	A30PM80-85T-XXX	A39PM80-85T-XXX
.047SRF-W-P-50	A39P89-47S-XXX	A80P89-47S-XXX	A85P89-47S-XXX	A30PM80-47S-XXX	A39PM80-47S-XXX
.085SRF-W-P-50	A39P89-85S-XXX	A80P89-85S-XXX	A85P89-85S-XXX	A30PM80-85S-XXX	A39PM80-85S-XXX
Cable	SMA Jack -SMPM Jack	SMA Jack Bulkhead-SMPM Jack	SMA Plug -SMPM Jack Right Angle	SMA Plug Right Angle-SMPM Jack Right Angle	SMA Jack -SMPM Jack Right Angle
.047TIN-W-P-50	A80PM80-47T-XXX	A85PM80-47T-XXX	A30PM89-47T-XXX	A39PM89-47T-XXX	A80PM89-47T-XXX
.085TIN-W-P-50	A80PM80-85T-XXX	A85PM80-85T-XXX	A30PM89-85T-XXX	A39PM89-85T-XXX	A80PM89-85T-XXX
.047SRF-W-P-50	A80PM80-47S-XXX	A85PM80-47S-XXX	A30PM89-47S-XXX	A39PM89-47S-XXX	A80PM89-47S-XXX
.085SRF-W-P-50	A80PM80-85S-XXX	A85PM80-85S-XXX	A30PM89-85S-XXX	A39PM89-85S-XXX	A80PM89-85S-XXX
Cable	SMA Jack Bulkhead-SMPM Jack Right Angle				
.047TIN-W-P-50	A85PM89-47T-XXX				
.085TIN-W-P-50	A85PM89-85T-XXX				
.047SRF-W-P-50	A85PM89-47S-XXX				
.085SRF-W-P-50	A85PM89-85S-XXX				

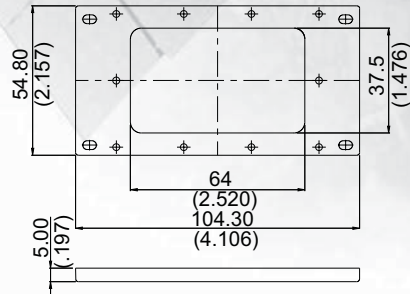
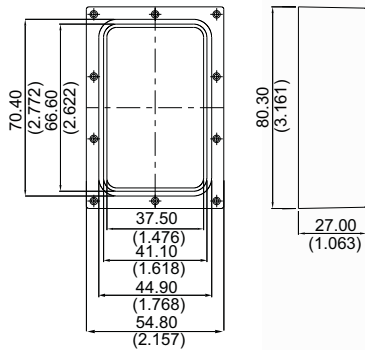
*XXX= indicate required length in cm

ACCESSORIES

HOUSING

Part Number	Remarks	Picture
H-805530	Material: Aliminium (1060#) Waterproof O-ring Connector Types: SMA/ BNC/ TNC/ N	

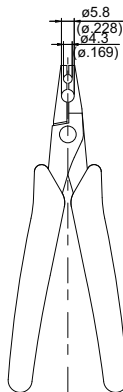
NOTE : Please specify positon, type and number of connectors needed.



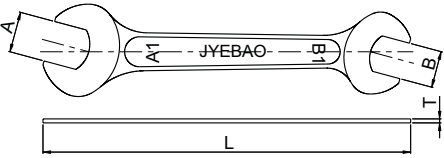
Retainer Ring Pliers

FOR SMA Plug RETAINER RING :

Part Number : RINGPLIER1



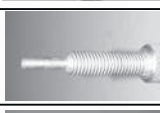
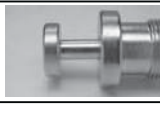
SPANNER

Part Number	Remarks			Drawings	Picture
14.0-16.0	A=16(.630)	B=14(.551)	T=3(.118)		
11.0-13.0	A=13(.512)	B=11(.433)	T=3(.118)		
8.0-9.0	A=9(.354)	B=8(.315)	T=2.5(.098)		
1/4"-3/8"	A=9.53(.375)	B=6.35(.250)	T=2.5(.098)		
5.5-7.0	A=7(.276)	B=5.5(.217)	T=2.5(.098)		

TORQUE WRENCH

Part Number	For series	Coupling nut torque	Across Flats	Picture
TOW-A8AF4IL	SMA (brass)	4in.-lbs (0.45Nm)	8(.315)	
TOW-A8AF8.85IL	SMA(stainless); 3.5	8.85in.-lbs (1Nm)	8(.315)	
TOW-K8AF11.5IL	K	11.5in.-lbs(1.3Nm)	8(.315)	
TOW-MC6AF3.1IL	SMC	3.1in.-lbs. (0.35Nm)	6(.236)	
TOW-SA6AF6.6IL	SSMA	6.6in.-lbs. (0.75Nm)	6(.236)	
TOW-T14AF13IL	TNC	13in.-lbs (1.47Nm)	14(.551)	
TOW-N19AF8.85IL	N	8.85in.-lbs (1Nm)	19(.748)	
TOW-N20AF8.85IL	N	8.85in.-lbs (1Nm)	20(.787)	

ASSEMBLY TOOLS FOR SEMI - RIGID CABLE

Part Number	Description	Picture
Locator Tool		
ST-001	Locator tool for SMA plug contact and insulator	
ST-002	Locator tool for SMA jack contact and insulator	
ST-011	Locator tool for SMA used in soldering fixture ST-008	
ST-012	Locator tool for N plugs without pin used in soldering fixture ST-008	
Dielectric Insertion Tool		
ST-003	Dielectric insertion tool for insulators for SMA plugs	
ST-004	Dielectric insertion tool for insulators for SMA jacks	
NT-001	Dielectric insertion tool for insulators for N	
Soldering Gauges		
ST-0.1	Soldering gauge 0.1mm thick	
ST-0.2	Soldering gauge 0.2mm thick	
ST-005(0.25)	Soldering gauge 0.25mm thick	
ST-0.3	Soldering gauge 0.3mm thick	
ST-0.4	Soldering gauge 0.4mm thick	
ST-0.5	Soldering gauge 0.5mm thick	
Soldering Fixture		
ST-008	Soldering fixture	
Inserts for soldering fixture ST-008		
ST-034	Insert for .034inch semi-rigid cable	
ST-047	Insert for .047inch semi-rigid cable	
ST-009	Insert for .085inch semi-rigid cable	
ST-010	Insert for .141inch semi-rigid cable	
ST-250	Insert for .250inch semi-rigid cable	

ASSEMBLY TOOL FOR TAPER SLEEVE

Part Number	For Cables	Picture
TT-001	RG174, RG178, RG188, RG196 RG316	
TT-002	RG55, RG58, RG59, RG142, RG223, RG400	

SOLDER MACHINE

Jyebao soldering machines provide an effective and convenient way to solder connectors on cables. Holding the connectors and solder substance between a pair of soldering tweezers you can solder quickly. The natural resistance of the metals to the current applied through their mass creates a controlled heating process with a consistent temperature rise.

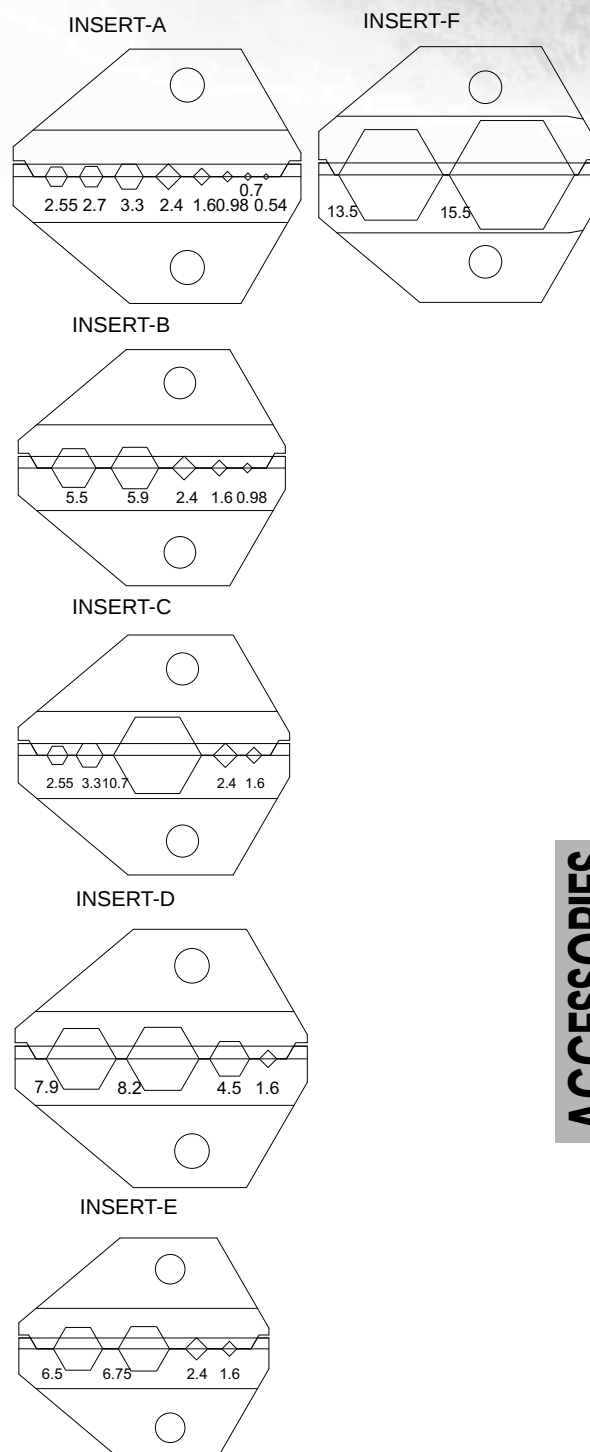
Part Number	Description	Picture
JM-041	110 Volt solder machine;250 watts	
JM-042	210 Volt solder machine;250 watts	

Part Number	Description	Picture
JM-043	Soldering tweezers and cable	
JM-044	Tips	

CRIMP INSERT

Crimp insert combinations	Remark	Crimp pin with		Crimp ferrule with hex section
		hex section	square section	
Jyebao P/N: INSERT-A				
A0	Full Crimp		0.54(.021)	2.55 (.100)
A1	Full Crimp		0.54(.021)	2.7(.106)
A2	Full Crimp		0.54(.021)	3.3(.130)
A3	Full Crimp		0.7(.028)	2.55(.100)
A4	Full Crimp		0.7(.028)	2.7(.106)
A5	Full Crimp		0.7(.028)	3.3(.130)
A6	Full Crimp		0.98(.039)	2.55 (.100)
A7	Full Crimp		0.98(.039)	3.3(.130)
A8	Full Crimp		1.6(.063)	3.3(.130)
A9				2.55(.100)
A10				2.7(.106)
A11			0.54(.021)	
A12			0.7(.028)	
A13			0.98(.039)	
A14			1.6(.063)	
A15			2.4(.094)	
A16	Full Crimp		2.4(.094)	3.3(.130)
A17				3.3(.130)
Jyebao P/N: INSERT-B				
B1	Full Crimp		0.98(.039)	5.5 (.217)
B2	Full Crimp		0.98(.039)	5.9(.232)
B3	Full Crimp		1.6(.063)	5.5 (.217)
B4	Full Crimp		1.6(.063)	5.9(.232)
B5	Full Crimp		2.4(.094)	5.5(.217)
B6	Full Crimp		2.4(.094)	5.9(.232)
B7				5.5(.217)
B8				5.9(.232)
Jyebao P/N: INSERT-C				
C1		2.55 (.100)		
C2	Full Crimp		1.6(.063)	10.7 (.421)
C4	Full Crimp		2.4(.094)	10.7 (.421)
C5	Full Crimp	3.3(.130)		10.7 (.421)
C7				10.7 (.421)
C8		3.3(.130)		
Jyebao P/N: INSERT-D				
D0	Full Crimp		1.6(.063)	7.9(.311)
D1	Full Crimp		1.6(.063)	4.5(.177)
D2	Full Crimp		1.6(.063)	8.2(.322)
D3				7.9(.311)
D4				8.2(.322)
D5				4.5(.177)
Jyebao P/N: INSERT-E				
E1	Full Crimp		1.6(.063)	6.5(.256)
E2	Full Crimp		1.6(.063)	6.75(.266)
E3	Full Crimp		2.4(.094)	6.5(.256)
E4				6.5(.256)
E5				6.75(.266)
Jyebao P/N: INSERT-F				
F1				13.5(.532)
F2				15.5(.610)

Note: In a 'full crimp' both center contact pin and connector barrel are crimped.



CRIMPING TOOL

JYEBAO P/N	To be used with inserts	Crimping tool type	Picture
CRT-1	INSERT-A; INSERT-B; INSERT-C; INSERT-D & INSERT-E	Standard	
CRT-2	INSERT-A; INSERT-B; INSERT-C; INSERT-D & INSERT-E	Ergonomic	
CRT-3	INSERT-F	Ergonomic	

PROTECTIVE CAPS

Part Number	To Be Used On	Color	Material	Figure
SMA30DPA-RED	SMA Plugs	Red	PVC	1
SMA30DPA-BLACK	SMA Plugs	Black	PVC	1
SMA80DP-RED	SMA Jacks	Red	PVC	2
SMA80DP-BLACK	SMA Jacks	Black	PVC	2
N30DPA-RED	N Plugs	Red	PVC	3
N30DPA-BLACK	N Plugs	Black	PVC	3
N80DP-0000	N Jacks; TNC HEX Plugs	Red	PVC	4
N80DP-BLACK	N Jacks; TNC HEX Plugs	Black	PVC	4
BNC38ND-GRAY	SHV Jacks; BNC Jacks	Gray	EVA	5
TNC80DP-RED	TNC Jacks	Red	PVC	6
TNC80DP-BLACK	TNC Jacks	Black	PVC	6
7/16-80DP1-BLUE	7/16 Jacks	Blue	EVA	7
7/16-80DP1-RED	7/16 Jacks	Red	EVA	7

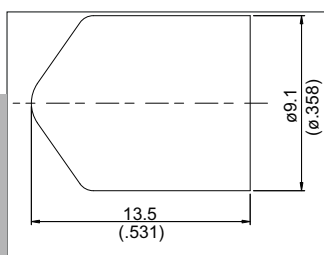


Fig. 1

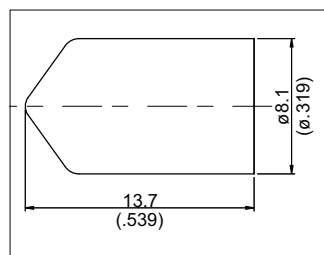


Fig. 2

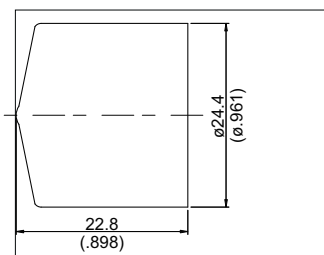


Fig. 3

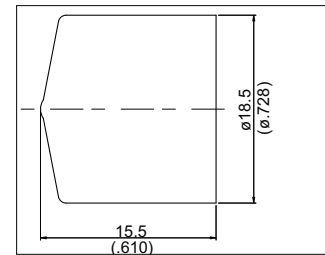


Fig. 4

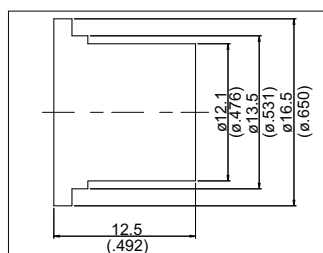


Fig. 5

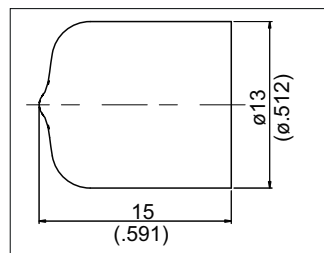


Fig. 6

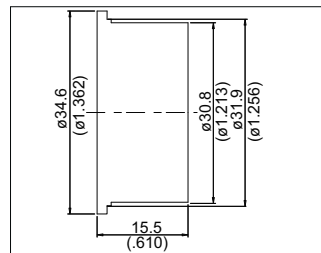


Fig. 7

MATERIAL AND PLATING

Table 1: Material Specifications

Material	Specifications
Brass	QQ-B-626 (C3601,C 3602 PER Jis H 3250,Jis-C3604B)
Beryllium Copper	QQ-C-530 (Jis-C1730)
Phosphor Bronze	QQ-B-750 (Jis-C5441B)
Stainless Steel	QQ-S-763 Class 303
PTFE	ASTM-D-1457
Silicone Rubber	ASTM-E-1418PSI
Epoxy	CONAP 2-N-2549

NOTE ON JYEBAO PLATING

Jyebao connectors are plated in its fully automated state of the art plating facility. Jyebao's standard plating for connector bodies of bigger connector series is 'Tin-Zin-Copper-Alloy plating' ⁽¹⁾ which has the following characteristics:

- ⊙Non-magnetic
- ⊙Non-allergenic
- ⊙Low intermodulation comparable to silver plating
- ⊙Excellent conductivity
- ⊙Excellent wear resistance
- ⊙Excellent corrosion resistance

Jyebao's standard plating for connector bodies of smaller connector series and for most contact pins is 'Gold over Nickel Phosphorous Alloy plating' ⁽²⁾ which has the following characteristics:

- ⊙Non-magnetic
- ⊙Low intermodulation
- ⊙Low contact resistance
- ⊙Excellent solderability
- ⊙Excellent wear resistance
- ⊙Excellent corrosion resistance

CENTER PIN

The center pin material and plating is specified next to each Jyebao part number in the column 'Material'. In this column the letters A, B, C, D, E and F reflect pin material and plating as can be seen in table 2.

Table 2: Pin material and Plating

	Material	Plating
A	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
B	Beryllium Copper	Gold over Nickel Phosphorous Alloy or Nickel over Copper
C	Phosphor Bronze	Gold over Nickel Phosphorous Alloy or Nickel over Copper
D	Brass	Silver over Copper
E	Phosphor Bronze	Silver over Copper
F	Beryllium Copper	Silver over Copper

(1)Jyebao's Tin-Zinc-Copper-Alloy plating is equivalent to Huber-Suhner's 'Sucoplate', M/A-Com's 'White Bronze' and Radiall's 'BBR' plating.
 (2)Jyebao's 'Gold over Nickel Phosphorous Alloy plating' is equivalent to Huber-Suhner's 'Sucopro', Rosenberger's 'AuroDur' and Radiall's 'NPGR' plating.

Table 3: Pin plating thickness according to connector series

Connector Series	Pin Plating Thickness (Micro-inch)
SMA, SMB, SMC, MCX, SSMA, 3.5, MMCX, STAINLESS ADAPTOR, K, SSMB, SMP, BMC, SMP, BMA, SMPM	Gold 4 over Nickel Phosphorous Alloy 80 over Copper 20 or Gold 20 over Nickel 50 over Copper 50
BNC, TNC, FME, UHF, F	Gold 4 over Nickel Phosphorous Alloy 80 over Copper 20 or Gold 3 over Nickel 50 over Copper 50
N, MHV, SHV, C, SC, 10KV, 20KV, TRB/ BNC	Gold 4 over Nickel Phosphorous Alloy 80 over Copper 20 or Gold 5 over Nickel 50 over Copper 50
SOME ADAPTOR	Gold 4 over Nickel Phosphorous Alloy 80 over Copper 20 or Gold 10 over Nickel 50 over Copper 50
HN, 7/16, LC, EIA	Gold 4 over Nickel Phosphorous Alloy 80 over Copper 20 or Silver 150 over Copper 50

BODY AND NUT

The body and nut material and plating are specified next to each Jyebao part number in the column 'Material'. In this column numbers 1, 2, 3, ... reflect different body and nut material and plating as can be seen from table 4.

Table 4: Body and nut material and Plating

		Material	Plating
1	Body	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
2	Body	Brass	Tin-Zinc-Copper-alloy over Copper
3	Body	Stainless Steel	Passivated
4	Body	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
	Nut	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
5	Body	Stainless Steel	Passivated
	Nut	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
6	Body	Stainless Steel	Passivated
	Nut	Stainless Steel	Passivated
7	Body	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
	Nut	Stainless Steel	Passivated
8	Body	Stainless Steel	5 micro inch gold over 50 micro inch nickel over 50 micro inch Copper
	Nut	Stainless Steel	Passivated
9	Body	Phosphor Bronze	Gold over Nickel Phosphorous Alloy or Nickel over Copper
10	Body	Phosphor Bronze	Tin-Zinc-Copper-alloy over Copper
11	Body	Brass	Tin-Zinc-Copper-alloy over Copper
	Nut	Brass	Tin-Zinc-Copper-alloy over Copper
12	Nut	Brass	Tin-Zinc-Copper-alloy over Copper
13	Body	Brass	Tin-Zinc-Copper-alloy over Copper
	Nut	Stainless Steel	Passivated
14	Body	Stainless Steel	Gold over Nickel Phosphorous Alloy or Nickel over Copper
15	Body	Stainless Steel	Gold over Nickel Phosphorous Alloy or Nickel over Copper
	Nut	Stainless Steel	Gold over Nickel Phosphorous Alloy or Nickel over Copper
16	Body	Brass	Nickel over Copper
	Nut	Brass	Nickel over Copper
17	Body	Brass	Nickel over Copper
18	Body	Beryllium Copper	Gold over Nickel Phosphorous Alloy or Nickel over Copper
19	Body	Brass	Silver Over Copper
20	Body	Brass	50 Micro Inch Black Chromium Over 50 Micro Inch Copper
21	Body	Brass	Gold over Nickel Phosphorous Alloy or Nickel over Copper
	Nut	Brass	Tin-Zinc-Copper-alloy over Copper
22	Body	Beryllium Copper	Gold over Nickel Phosphorous Alloy or Nickel over Copper
	Nut	Stainless Steel	Passivated

Table 5: Body and nut plating thickness according to connector series

Connector Series	Body and Nut Plating Thickness (Micro-inch)
SMA, most SMB, SMC, most MCX, MMCX, SSMB, SMP, BMA, SSMA, SMP, SMPM, 3.5	Gold 4 Over Nickel Phosphorous Alloy 80 over Copper 20 or Gold 5 Over Nickel 50 over Copper 50
Some SMB, some MCX, LC, BNC, TNC, N, MHV, 7/16, F, FME, SC, HN, UHF, C, TRB/BNC, BNC HDTV	Tin-zinc-copper-alloy 100 over Copper 50
10KV / 20KV, EIA	Nickel 200 over Copper 50
Some 7/16, EIA	Silver 150 over Copper 50

[illegible]An aerial photograph of a construction site, showing a large crane and the foundations of a building under construction. The image is in black and white and serves as a background for the document.