



Universal Microwave Technology Inc.



We create the best values for your products



Major Customers



Microwave / mmWave



Satcom / Military



Antenna / Cable



UMT Major Product Application

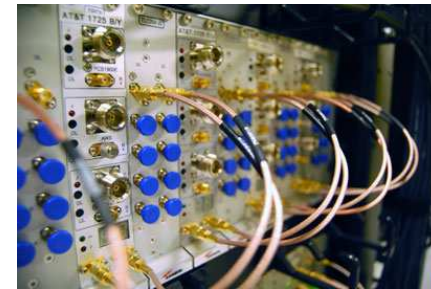
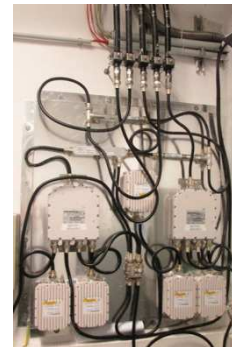


Satellite Communication

(BUC, LNB, SSPA)



Point to Point Microwave Link
(ODU, Radio, Branching, 80GHz)



Distributed Antenna System
(DAS, PIM)

Product Portfolio

Diplexer/ filter



100MHz to 96 GHz

Coupler / OMT



100MHz to 96 GHz

Subsystem / LH Units



4 to 13GHz

V/ E/ W/ D band Products




Diplexer, circulator, OMT and Coupler

Satcom / Military Products



Filter, OMT, feed assembly and mechanical parts

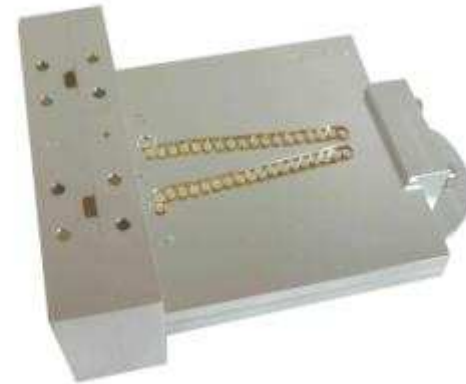
Cable/ Antenna/ Circulator



Products Review

Microwave Diplexer

- Compact design for low cost
Diecasting version available
- Frequency range: 4 to 52GHz
- Stable plating quality
- Soldering reflow technology
High performance reliability
- Fast tuning technology



Products Review

BTS / LTE Diplexers (Filters)

- Compact design for low cost
Diecasting version available
- Frequency range: MHz to 3.5GHz
- Light weight technology
- Good design for low PIM
- Different approaches for low insertion loss requirement



Products Review

Circulators / Isolators

- Different interface available
Waveguide / coaxial / drop-in
- Frequency range: MHz to 80GHz
- Rich experience in low-PIM solutions
- Extra stable ferrite quality
- Different power level option
Up to thousand Watts



Products Review

DAS Products

- Comprehensive product family
- Different interface available
N-type / DIN / Mini-DIN
- Rich experience in low-PIM solutions
- Stable performance in electrical and environmental aspect
- Diecasting solution available



Products Review

Other Waveguide Products

- Waveguide extensions
Flexible waveguide / rigid waveguide
- Coaxial to waveguide adaptors
- Frequency range: 4 to 52GHz
- Mounting kit for easy installation
- Customized design for waveguide parts and accessories



Products Review

Mechanical Part Products

- Machinery capability

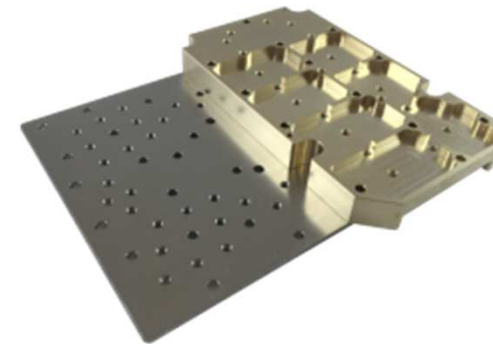
*Milling / diecasting / turning / WEDM /
stamping / sandcasting*

- 100 CNC machines available in house

- Super short tooling development time

- Good experience in cost saving design

- Extra stable painting quality



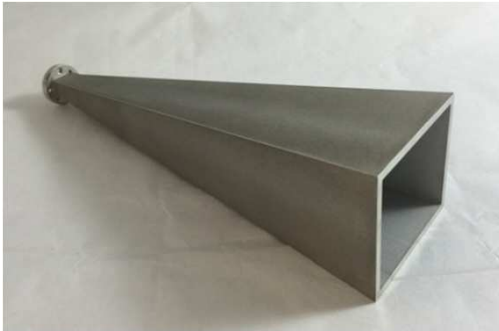
Products Review

Antenna / Cables / Connectors

- WiFi, WiMAX, GSM / CDMA, UHF, RFID, Yagi types
- Advanced chamber up to 18GHz
- High quality / low cost RF cable and connectors up to 20GHz
- Extra stable quality
- Quick turnaround



Antenna Products



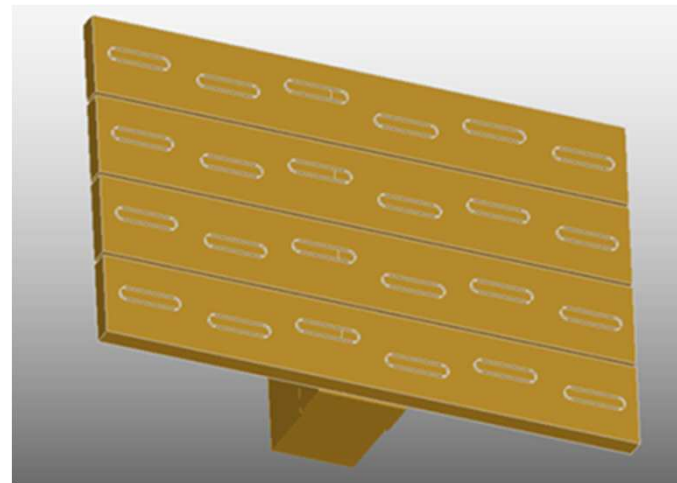
Horn



Lens Antenna



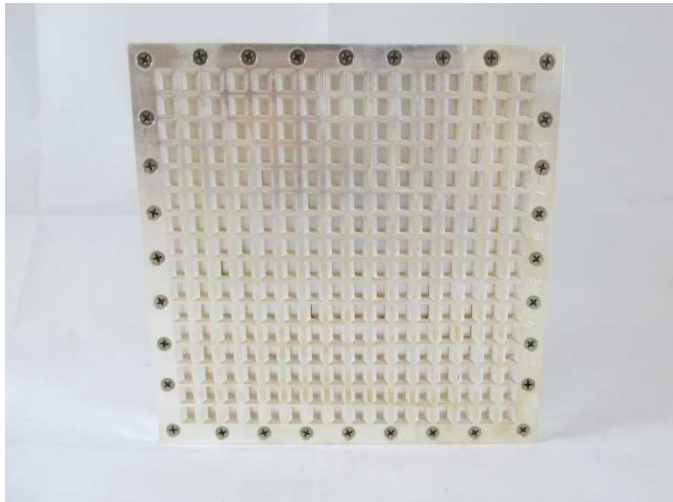
Dish Antenna



Waveguide Antenna



28GHz Planer Antenna



Size : 140 mm * 140 mm * 15 mm
Gain : 34 dBi
Beamwidth : 4 degrees
Return Loss : 17 dB



Size : = 140 mm*160 mm*16mm
Gain : 30 dBi
Beamwidth : 4 degrees
Return Loss : 17 dB

Microwave Antenna



26 / 28 GHz point to multi-point antenna

Size : Diameter 300 mm * 100 mm

Gain : 35 dBi



24 GHz Flat –Panel antenna

Size : 72 mm * 52 mm * 43mm

Gain : 15 dBi

mmWave Antenna



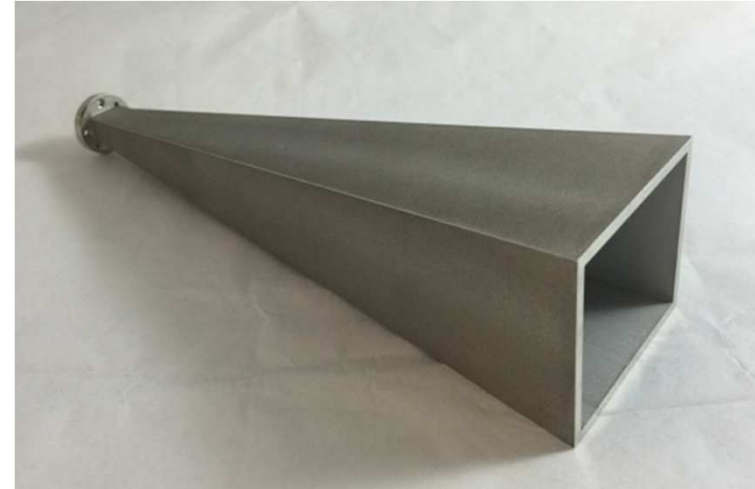
E-Band Lens antenna

Size : Diameter 90 mm * 100 mm

Gain : 32 dBi

Beamwidth : 3 degrees

Return Loss : 17 dB



V-Band Horn antenna

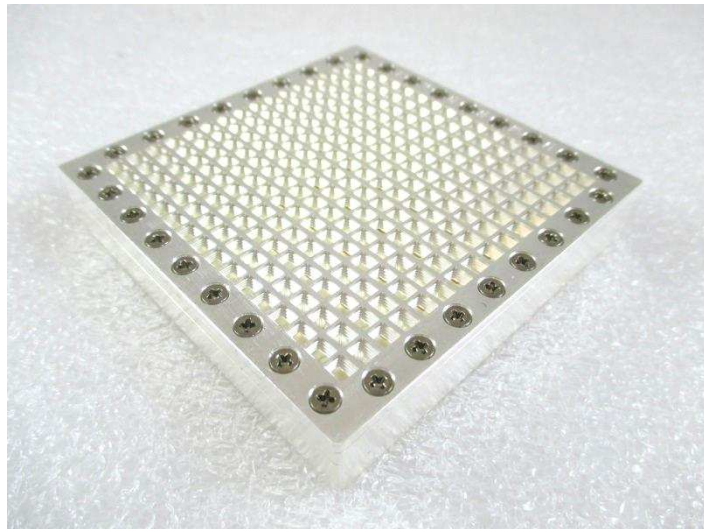
Size : 51mm * 44mm * 178mm

Gain = 26 dBi

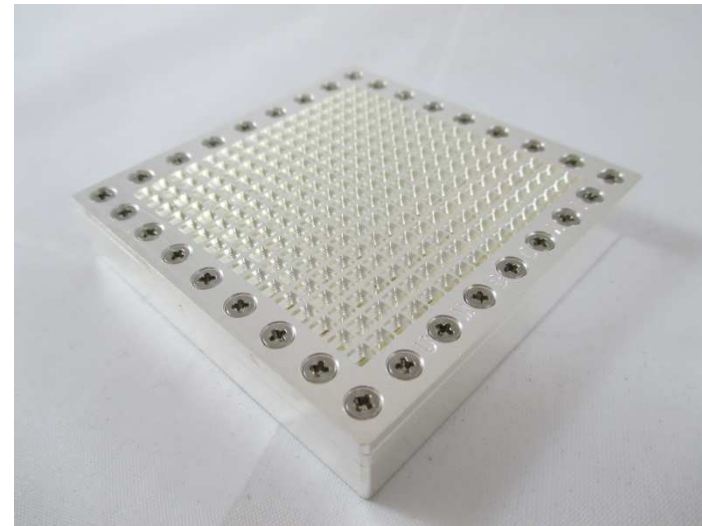
Beamwidth : 10 degrees

Return Loss : 18 dB

60/80GHz Waveguide FPA



Frequency : 57 – 64 GHz
Size : 76 mm * 76 mm * 12.5 mm
Gain : 32 dBi
Beamwidth : 4 degrees
Return Loss : 17 dB

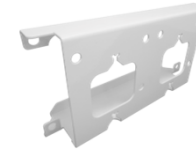


Frequency : 71- 86 GHz
Size : 67 mm * 67 mm * 12 mm
Gain : 32 dBi
Beamwidth : 4 degrees
Return Loss : 15 dB

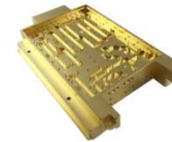
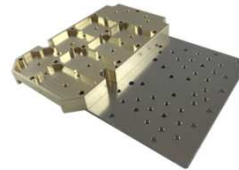
Portfolio for Machinery Products



Telecom



**Military
Satcom
Aerospace**



Medical



Automobile





Thank you
UMT