

# MT-661003/A

18 – 40 GHz 9.5 dBi KA Horn Antenna

## Electrical

Type Of Antenna	Pyramidal Horn
Frequency	18 – 40 GHZ
Gain	9.5 dBi min
VSWR	2.5 : 1 max , 90° connector. 3.5 : 1 max , End fed Connector.
3 dB Azimuth Beam width	30° typ
3 dB Elevation Beam width	60° typ
Polarization	Slant 45°
Input Impedance	50 ohm
Power	6W

## Mechanical

Dimensions L x W x H	130 x 125 x 94 mm typ
Weight	800 gr max
Connector	K Female Connector *
Orientation	Slant 45° **
Base Plate	Aluminum with chemical conversing coating
Color	Polyurethane Per MIL – C 83286 Color gray 36293 Per FED – STD – 595

## Environmental

Temperature, operating	-54°C to + 71°C
Temperature, storage	-54°C to + 85°C
Salt fog	5% for 48 hours
Acceleration	9g in all axes
Mechanical Shock	Saw tooth 20g, 11 msec/axis, 3 axis

\* A WR180 flange input is available on request.

\*\* Vertical polarization is optional.