MT-501003/A

6 – 18 GHz Horn Antenna

Wireless Edge
Antenna Solutions
An MTI Company

Electrical	
Type Of Antenna	Pyramidal Horn
Frequency	6 – 18 GHZ
Gain	8 dBi @ 6.0 GHz 10 dBi @ 12.0 GHz 12 dBi @ 18.0 GHz
VSWR	3.5 : 1 max , 2.5 : 1 typ
Polarization	Slant Linear
3 dB E – Plane Beam width	40° min
3 dB H – Plane Beam width	22° min
Input Impedance	50 Ω
Power Handling	50 Watt
Mechanical	
Length	168 mm max
Width	140 mm max
Height	77 mm max
Connector	SMA – Female
Weight	600 gr max
Paint	Polyurethane, Color 36293 per FED – STD – 595
Environmental	
Temperature, operating	-54°C to + 71°C
Temperature, storage	-54°C to + 85°C
Temperature shock	-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

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