

MT-4030

2 – 8 GHz Back Cavity Spiral Antenna

Electrical

Frequency	2 – 8 GHz
Gain	3 dBi min
VSWR	2.5 : 1 max
Polarization	Circular
Half Power Beamwidth	75° ± 20°
10 dB Beamwidth	140° typ
Axial Ratio	1.5 dB @ Boresight 2 dB @ ± 30° 4 dB @ ± 60°
Beam Squint	± 5° max

Mechanical

Connector	SMA Female
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Environmental

The Antenna is designed in accordance with Military specification for ground equipment.

Temperature Operation:	-20° to 70°
None Operation:	-20° to 85°
Wind Speed	120 Km/hr

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