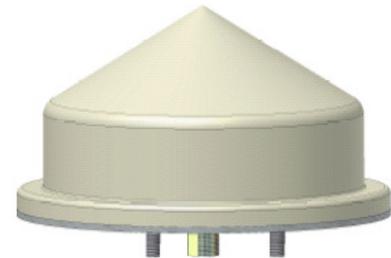


MA-PGP15-5

Passive GPS Antenna

MARS passive GPS Antenna features stable and efficient performance with 5 dBic of gain. Antenna is small and has an aesthetic design. Custom designs are available upon request.



Specifications

Electrical

Frequency range	1575.42±2 MHz
GAIN, min.	5 dBic
Gain Characteristics of Antenna Element	-10 dBic minimum at 0° elevation
Axial Ratio	4 dB
VSWR, typ.	1.5 : 1
Polarization	Right Hand Circular
3 dB Beam-Width, Azimuth, typ.	360°
3 dB Beam-Width, Elevation, typ.	±40°
Impedance	50 Ohm

Mechanical

Dimensions (ØxH)	170 x 100mm (6.7" x 3.9")
Weight	500 gr.
Connector	N-Type Female
Mount	MNT-23
Radome	UV Protected Polycarbonate

Environmental

Operating Temperature	-40°C to +85°C
Dynamics	Vibration: ETSI EN 300-19-2-4
Humidity	ETSI EN 300-19-2-4
Water Proofing	IP-67
Immersion Test	EN 60529-IP67
UV Radiation	ASTM G-154-4
Immunity to electrostatic discharge	ETSI IEC 61000-4-2
Conducted immunity to voltage surges	ETSI IEC 61000-4-5

MARS Antennas & RF Systems proprietary information

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