

MA-WA25-QP4MIMO14

2.3-2.7 GHz Quad Polarization 4X4 MIMO Subscriber Antenna

MARS Quad Polarization antenna provides coverage of 2.3-2.7 GHz frequency Band.

Additional Features:

- Specially designed for MIMO applications
- Light weight and durable construction.
- UV Protected radome made of Polycarbonate.



Specifications

Electrical

Frequency range	2.3-2.7 GHz
GAIN, typ.	4 x 13.5 dBi
VSWR, max.	1.7 : 1
Polarizations	Dual Pole V&H and Dual Slant $\pm 45^\circ$
3 dB Beam-Width, H-Plane, typ.	33°
3 dB Beam-Width, E-Plane, typ.	33°
Side Lobes, typ.	-12 dB
Cross Polarization, typ.	-20 dB
Front to Back Ratio, typ.	-30 dB
Port to Port Isolation, typ.	-25 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	370 x 370 x 40 mm (14.5" x14.5" x1.6")
Weight	2 kg
Connector	4 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Polycarbonate
Mount	See Ordering Options

Environmental

Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 km/h (survival)
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11

Ordering Options

MA-WA25-QP4MIMO14	Antenna Suited for MNT-22
MA-WA25-QP4MIMO14B	Antenna with MNT-22 mount

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