

MA-WA56-QP22

4.9-6.1 GHz Quadro Polarization Subscriber Antenna

MARS 5 GHz Quad Polarized Antenna designed to provide full coverage for the 5 GHz frequency band.

Additional Features:

- Efficient and stable performance.
- High gain/size ratio.
- Light weight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.

Specifications

Electrical

Frequency range	4.9-6.1 GHz
GAIN	22 ± 1 dBi
VSWR, max.	2 : 1
Polarization,	Linear, Vertical & Horizontal & Dual Slant ±45°
3dB Beam-Width, H-Plane, typ.	10°
3dB Beam-Width, E-Plane, typ.	10°
Side Lobes, min.	-12 dB
Cross Polarization, typ.	-20 dB
Front to Back Ratio, min.	-30 dB
Port to Port Isolation, typ.	-30 dB
Input power, max.	20 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	600 x 600 x 22 mm (23.5" x 23.5" x 0.86")
Connector (without enclosure)	4 x N-Type, Female
Weight	4.5 Kg.
Mounting	MNT-60A
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation

Environmental

Operating Temperature Range	-55°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

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