

MA-WA25-DP23

2.3-2.7 GHz Dual Polarization/Dual Slant Subscriber Antenna

MARS 2.5 GHz Dual Polarized Antenna is a wide band antenna designed for LTE, Wi-Fi, LAN, MMDS, WLL and WiMAX applications.

Additional Features:

- Exceptionally efficient performance.
- High gain/size ratio.
- Aesthetic design.
- Weatherized and durable.



Specifications

Electrical

Frequency range	2.3-2.7 GHz
GAIN, typ.	23 ± 1 dBi
VSWR, max.	1.7 : 1
Polarization	Dual Pole Dual Slant (opt.)
	Linear, Vertical & Horizontal ±45° (diamond shape)
3dB Beam-Width, H-Plane, typ.	10°
3dB Beam-Width, E-Plane, typ.	10°
Side Lobes, min.	-12dB
Cross Polarization, min.	-25dB
Front to Back Ratio, min.	-35dB
Port to Port Isolation, min.	-30dB
Input power, max.	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	600 x 600 x 30 mm (23.5" x 23.5" x 1.2")
Connector	2 x N-Type ,Female
Weight	4.7kg.
Mounting	See ordering options
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

Ordering Options

MA-WA25-DP23	Antenna 2 x N-Type Female connectors Suited for MNT-60A mount
MA-WA25-DP23B	Antenna 2 x N-Type Female connectors with MNT-60A mount

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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