

MA-WA25-DP9

2.3-2.7 GHz Dual Polarization 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	8±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.	60°
3dB Beam-Width, E-Plane, typ.	60°
Side Lobes, min.	-15dB
Front to Back Ratio, min.	-15dB
Input power, max.	50 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxWxD)	112 x 112 x 33.5 mm (4.41" x 4.41" x 1.32")
Connector	2 x Right Angle SMA ,Female
Weight	147 gr.
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-DP9	Antenna 2 x Right Angle SMA ,Female connectors Suited for MNT-4LU mount
MA-WA25-DP9B	Antenna 2 x Right Angle SMA ,Female connectors with MNT-4LU mount

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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