

MA-WA25-DP14

2.3-2.7 GHz Dual Polarization/ Dual Slant Subscriber Antenna

MARS 2.3-2.7 GHz Dual Polarized Antenna designed to provide full coverage for the 2.5 GHz frequency band.

Additional Features:

- Dual slant if mounted diagonally.
- Efficient and stable performance.
- High gain/size ratio.
- Light weight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.
- Easy mounting allowing Az/EI adjustment and 45deg. turn installation.



Specifications

Electrical

Frequency range	2.3-2.7 GHz
GAIN, typ.	14 dBi
VSWR, max.	1.7 : 1
Polarization	Dual Pole Dual Slant (opt.)
	Linear, Vertical & Horizontal $\pm 45^\circ$ (diamond shape)
3 dB Beam-Width, H-Plane, typ.	33°
3 dB Beam-Width, E-Plane, typ.	33°
Side Lobes	ETSI DN4
Cross Polarization	ETSI DN4
Port to Port Isolation, typ.	-25 dB
Front to Back Ratio	ETSI DN4
Input power, max.	10 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxWxD)	200 x 200 x 33 mm (7.9" x 7.9" x 1.25")
Connector	See ordering options
Weight	400 gr.
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Polycarbonate
Mounting	See ordering options

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-DP14	Antenna 2 x N-Type Female connectors Suited for MNT-23 mount
MA-WA25-DP14B	Antenna 2 x N-Type Female connectors with MNT-23 mount
MA-WA25-DP14SMES	Antenna 2 x SMA RA Female connectors, enclosure with MNT-22 mount

Patterns are available on our website

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