

MA-WC25-DS16

2.2-2.2 GHz Dual Slant Base Station Antenna, 65°

MARS Dual Slant ± 45 degrees 65° sector antenna features:

- Efficient and stable performance with 2 X16 dBi of gain.
- Full 2.3-2.7 GHz band coverage.
- High Isolation ratio.
- Compact size.
- Optional Azimuth & Elevation Adjustable mount.

UV protected radome suitable for harsh environment installations.

Can be customized per customer requirements



Specifications

Electrical

Frequency range	2.3-2.7 GHz
GAIN, typ.	2 x 16dBi
VSWR, max.	1.7 : 1
Polarization	Dual Slant $\pm 45^\circ$
4 dB Beam-Width, Azimuth, typ.	65°
3 dB Beam-Width, Elevation, typ.	9°
Side Lobe level (Elevation),typ.	-12 dB
Port to Port Isolation, typ.	-20 dB
Front to Back Ratio, min.	-30 dB
Input power, max.	20 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	800 x 225 x 67 mm (31.3" x 8.8" x 2.6")
Weight	2.5 kg.
Connector	2 x N-Type, Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected, Plastic
Mount	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-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)

Ordering Options

MA-WC25-DS16	Antenna 2 x N-Type Female connectors Suited for MNT-5A mount
MA-WC25-DS16B	Antenna 2 x N-Type Female connectors with MNT-5A mount

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