4.9-6.1 GHz Dual Slant Base Station Antenna, 90°

MA-WD55-DS16

Â-MARS Dual Slant Â± 45 degrees 90° sector antenna features:

- Efficient and stable performance with 16 dBi of gain
- Full 4.9-6.1 GHz band coverage
- High Isolation ratio
- Compact size
- Optional Azimuth & Elevation Adjustable mount
- UV protected radome suitable for harsh environment installations
- Square shapeÂ-

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Specifications:

Electrical	
Frequency range	4.9 - 6.1 GHz
Gain,typ.	16 dBi
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	90 °
3 dB Beam-Width, E-Plane, typ.	8 °
Polarization	Dual Slant Â± 45Âº
Port to Port Isolation	- 30 dB
Front to Back Ratio, min.	-30 dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	370 x 370 x 40 mm (14.5â€•x 14.5â€•x 1.6â€•)
Weight	1.8 kg
Connector	2 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected Plastic
Mount	MNT-22
Environmemtal	
Operating Temperature Range	- 40°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)
Ice and Snow	25mm radial (survival)
Salt Fog	According to IEC 68-2-11
Service Life	>10 years
Ordering Options	
Antenna with mount	MA-WD55-DS16 B