4.9-5.875 GHz Dual Polarized/ Dual Slant Antenna

MA-WA56-DP25N

MARS 5 GHz Dual Polarized Antenna designed to provide terminated coverage for the 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 allowing for harsh weather installations
- easy mounting allowing for Az/El adjustment

Specifications:

Electrical	
Frequency range	4.9 - 5.875 GHz
Gain	23.5 dBi V-Pol:24.5 Â± 1 dBi H-Pol:23.5 Â± 1 dBi
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	7 ° -9
3 dB Beam-Width, E-Plane, typ.	7 ° -9
Side Lobes, min.	ETSI TS3, TS4, TS5
Polarization	Linear, Vertical and Horizontal
Cross Polarization,typ.	-25 dB
Port to Port Isolation	- 30 dB
Front to Back Ratio, min.	ETSI TS3, TS4, TS5
Input power, max	5 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	370 x 370 x 40 mm (14.5" x14.5" x1.6")
Weight	1.8 kg
Connector	2 x N-Type, Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Polycarbonate
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)
Salt Fog	According to IEC 68-2-11
Service Life	> 10 years

Ordering Options

Antenna Suited for MNT-22 (optional wall/pole adjustable mount)	MA-WA56-DP25N
Antenna with mount	MA-WA56-DP25N B