4.9-5.875 GHz Dual Polarization/Dual Slant Subscriber Antenna

MA-WA56-DP20

MARS 5 GHz Dual Polarized Antenna designed to provide full 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	21 dBi Â± 1
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	12 °
3 dB Beam-Width, E-Plane, typ.	12 °
Side Lobes, min.	ETSI TS3
Polarization	Linear, Vertical and Horizontal
Cross Polarization, min.	-18 dB
Port to Port Isolation	- 30 dB
Front to Back Ratio, min.	ETSI TS3
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	305 x 305 x 15 mm (12" x12" x1.6")
Weight	900 gr.
Connector	2 x N-Type Female (optional - 2 x SMA Female)
Radome	UV Protected Polycarbonate
Mount	MNT-22
Environmemtal	
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

Antenna with mount	MA-WA56-DP20 B
Antenna with 2xN-Type, Female Connector suited for MNT-22	MA-WA56-DP20 N

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