4.9â€“6.1 GHz Triple Polarizations MIMO Base Station Antenna, 90°

MA-WD56-DSV16

MARS Triple Polarization Sector antenna provides coverage of 4.9-6.1 GHz frequency band in a single antenna radome.

Additional Features:

- 3 Ports: Dual Slant (Â±45Âº) and Vertical Polarization
- specially designed for MIMO applications for optimal decorrelation
- light weight and durable construction
- UV protected radome made of plastic
- can be customized with customer defined back plane and different connector configurations

Specifications:

Electrical		
Model	Vertical Polarization	Dual Slant Polarization
Frequency range	4.9 - 6.1 GHz	4.9 - 6.1 GHz
Gain	16 dBi	16 dBi
VSWR, max.	1.7:1	1.7:1
3 dB Beam-Width, H-Plane, typ.	90 °	90 °
3 dB Beam-Width, E-Plane, typ.	8 °	8 °
Polarization	Dual Slant Â±45Âº and Vertical	
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 (14.5" x14.5" x1.6")	
Weight	2.1 kg	
Connector	3 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	
Ordering Options		
Antenna with mount	MA-WD56-DSV16 B	

conditions of sale are applicable on any purchase of any product and are available in the â€œPoliciesâ€• section.