

MA-WO2556-DPDB9

2.3-2.7 & 4.9-5.9 GHz Dual Polarization Dual Band Omni Directional Antenna

MARS 2.3-2.7 and 4.9-5.9 GHz Dual Polarization and Dual Band Antenna provides a stable and efficient performance with 7.5 -9 dBi of gain and cost effective solution for large scale applications and systems such as 802.11, Point To Multi Point ,WLAN access points, mesh Networks, ISM, WiMAX and more.

The Elevation Patterns without any deviation from the horizon in full band.



Specifications

Electrical

Frequency Range	2.3 -2.7 GHz	4.9-5.9 GHz
GAIN, typ.	7.5 dBi	9 dBi
VSWR,	1.7 :1 typ. ; 2 : 1 max.	1.7 :1 typ. ; 2.5 : 1 max.
Polarization	Dual Pol	Vertical & Horizontal
3 dB Beam-Width, Azimuth, typ.	Omni - Directional	
3 dB Beam-Width, Elevation, typ.	22°	11°
Port to Port Isolation	30 dB typ. ; 25 dB min.	30 dB typ. ; 20 dB min.
Input power, max.	10 Watt	
Lightning Protection	DC Grounded	
Input Impedance	50 Ohm	

Mechanical

Dimensions (HxDia.)	970 x 70 mm (38.2" x 2.75")
Weight	1.1 Kg.
Connector	4 x N-Type, Female
Radome	UV Protected Plastic
Mount	2" Pole Mount

Environmental

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-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11

Mars Antennas & RF Systems proprietary information

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