MA-WO2455-DPDB8

2.4-2.5 & 5.1-5.9 GHz Dual Polarization Dual Band Omni Directional Antenna

MARS 2.4-2.5 and 5.1-5.9 GHz Dual Polarization and Dual Band Antenna provides a stable and efficient performance with 5-8 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	2.4 -2.5 GHz	5.1-5.9 GHz
GAIN, typ.	5 dBi	8 dBi
VSWR,	1.7 :1 typ. ; 2 : 1 max.	
Polarization Dual Pol	Vertical & Horizontal	
3 dB Beam-Width, Azimuth, typ.	Omni – Directional	
3 dB Beam-Width, Elevation, typ.	35°	25°
Port to Port Isolation, typ.	-35 dB	
Input power, max.	10 Watt	
Input Impedance	50 Ohm	
Mechanical		
Dimensions (HxDia.)	400 x 60 mm	
Weight	600 gr.	
Connector	2 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-67	
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)	
Salt Fog	According to IEC 68-2-11	

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