MARS ANTENNAS & RF SYSTEMS LTD.

MA-WO25-DP10

2.3-2.7 GHz Dual Polarization Omni Directional Antenna

MARS 2.3-2.7 GHz Dual Polarization Omni Directional Antenna provides a stable and efficient performance with 9-10dBi of gain and cost effective solution for large scale applications and systems such as 802.11, Point-to-multi-point, WLAN access points, 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
GAIN, typ.	Vertical Polarization @ 9 dBi ; Horizontal Polarization @10 dBi
VSWR, max.	2 : 1
Polarization Dual Pole	Vertical & Horizontal
3 dB Beam-Width Azimuth, typ.	Omni – Directional
3 dB Beam-Width Elevation, typ.	11°
Port to Port Isolation, typ.	-35 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (H x Dia.)	640 x 110 mm
Weight	1.2 Kg.
Connector	2 x N-Type Female
Radome	UV Protected Plastic
Mount	2" Pole Mount
Environmental	
Operating Temp. Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Water Proofing	IP-65
Wind Load	200 km/h (survival)

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