

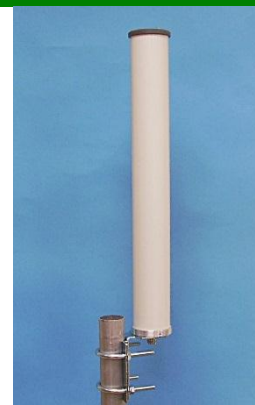
MA-WO24-DP6

2.4 – 2.5 GHz Dual Pole Omni Directional Antenna

MARS 2.4-2.5 GHz Dual Polarization Omni Directional Antenna provides a stable and efficient performance with 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

Very high Isolation between 2 or more antennas when installed Horizontally.



Specifications

Electrical

Frequency range	2.4 -2.5 GHz
GAIN, typ.	10 dBi
VSWR, max.	1.8:1
Polarization	Dual Pole, Vertical & Horizontal
3 dB Beam-Width Azimuth, typ.	Omni - Directional
3 dB Beam-Width Elevation, typ.	13°
Down Tilt, typ.	12°
Horizon Isolation, typ.	-30 dB
Port to Port Isolation, typ.	-30 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (H x Dia.)	640 x 112 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)

MARS Antennas & RF Systems proprietary information

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