

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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