

MA-WO25-9H

2.3 – 2.7 GHz Horizontal Omni Directional

MARS Horizontal polarized Omni Directional antenna provides coverage of 2.3-2.7 GHz with a stable and efficient performance of 10dBi gain.

MARS MA-WO25-9H provides a cost effective solution for large-scale applications and systems such as 802.11b/g, Point-to-multi-point, WLAN access points, WiMAX and more.

MARS Horizontal Omni Directional polarized antenna offers polarization rejection of interference of vertically polarized signals, as used in most WLAN systems.

Main Features:

- Horizontally polarized
- High gain.
- Lightweight and durable construction.
- UV protected radome suitable for harsh environment installations.



Specifications

Electrical

| | |
|---------------------------------|-------------------------|
| Frequency range | 2.3 - 2.7 GHz |
| GAIN, typ. | 10 dBi |
| VSWR | 2 : 1 max. 1.7 : 1 typ. |
| Polarization | Linear, Horizontal |
| 3 dB Beam-Width Azimuth, typ. | Omni - Directional |
| 3 dB Beam-Width Elevation, typ. | 11° |
| Input power, max. | 10 Watt |
| Input Impedance | 50 Ohm |
| Lightning Protection | DC Grounded |

Mechanical

| | |
|--------------------|----------------------|
| Dimensions (L x Ø) | 640 x 76 mm |
| Weight | 750 gr. |
| Connector | 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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