

# 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 (25.2" x 3")
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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