

MA-WO36-DP10

3.3 - 3.8 GHz Dual Pol Omni Directional Antenna

MARS 3.3-3.8 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.

There is no deviation from the horizon in the elevation patterns across the entire band.



Specifications

Electrical

Frequency range	3.3-3.8 GHz
GAIN, typ.	Vertical Polarization @ 9dBi Horizontal Polarization @ 10dBi
VSWR, max.	2 : 1
Polarization	Dual Pole
3 dB Beam-Width Azimuth, typ.	Omni – Directional
3 dB Beam-Width Elevation, typ.	11°
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.)	485 x 85 mm (19.1" x 3.35")
Weight	600 gr.
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

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com