

MA-WO21-DP9

1980 – 2300 MHz Dual Polarization Omni Directional Antenna

MARS MA-WO21-DP9 is a Dual Polarization OMNI Directional Antenna covering 1980-2300 MHz providing a stable and efficient performance with 9dBi of gain.

The Elevation Patterns without any deviation from the horizon in full band



Specifications

Electrical

Frequency range	1980 -2300 MHz
GAIN, typ.	9 dBi
VSWR, max.	2 : 1
Polarization	Dual Pole Vertical & Horizontal
3 dB Beam-Width Azimuth, typ.	Omni - Directional
3 dB Beam-Width Elevation, typ.	10°
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.)	742 x 111.5 mm (29.2" x 4.39")
Weight	1.5 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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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