

MA-WO7402700-5

740MHz - 2700MHz Multi Band Omni Directional Base Station Antenna

MARS Dual Band Base Station Antenna provides a cost effective solution for GSM 900/1800, LTE, WLL, WLAN, ISM, WiMAX, Point-to-Point and Point-to-Multi Point applications as well as MESH networks.
 UV protected radome suitable for harsh environment installations.
 Antenna features stable and efficient performance with up to 6 dBi of gain.



Specifications

Electrical

Frequency range	740-960 MHz	1710-2700 MHz
GAIN, typ.	4 dBi	6 dBi
VSWR,	1.5 : 1 (typ) 2 : 1 (max)	
Polarization	Linear, Vertical	
3 dB Beam-Width, H-Plane, typ.	Omni Directional	
3 dB Beam-Width, E-Plane, typ.	35°	
Input power, max	50 Watt	
Lightning Protection	DC Grounded	
Input Impedance	50 Ohm	

Mechanical

Dimensions (HxDia.)	470 x 66 mm (18.5" x 2.5")
Weight	350 gr.
Connector	N-Type, Female
Radome	UV Protected Plastic
Mount	2.5" PM (End) Attachment

Environmental

Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 km/h (survival)
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)

Mars Antennas & RF Systems proprietary information

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3 Hamanor st. Holon 58861, P.O.Box 5 AZOR 58008, Israel

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