

## MA-WO91-8X

### 902-928 MHz Omni-Directional Antenna

MARS ISM Omni - Directional Antenna is a ruggedized model suitable for outdoor installations on end of tower / spike poles.

UV protected radome allowing harsh environment installations.

Antenna features stable and efficient performance with 8 dBi of gain.



#### Specifications:

##### *Electrical*

Frequency range	902-928 MHz
GAIN, min.	8 dBi
VSWR, max.	2 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	Omni directional
3 dB Beam-Width, E-Plane, typ.	14°
Input power, max.	10 Watt
Input Impedance	50 Ohm

##### *Mechanical*

Dimensions (HxDiameter)	1350 x 64 mm (53" x 2.5")
Weight	900 gr.
Connector	N-Type, Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Plastic
Mount	2.5" Pole Mount 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-65
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)

Patterns are available on our website

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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