

## 902 - 928 MHz Omni-Directional Antenna

### -MA-WO91-8X

MARS ISM Omni - Directional Antenna is a ruggedized model suitable for outdoor installations on end of tower / spike poles. UV protected radome allowing for 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
3 dB Beam-Width, H-Plane, typ.	360 °
3 dB Beam-Width, E-Plane, typ.	14 °
Polarization	Linear Vertical
Input power, max	10 Watt
Input Impedance	50 Ohm

##### Mechanical

Dimensions (HxDiameter)	1350 x 64 mm (53"x2.5")
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)
Ice and Snow	25 mm radial (survival)
Salt Fog	According to IEC 68-2-11
Service Life	> 10 years

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