

MA-WO440-5

406-470 MHz OMNI Directional Antenna

MARS MA-WO440-5 is an OMNI Directional Antenna covering 406-470 MHz suitable for TETRA application, providing a stable and efficient performance with 5dBi of gain.

Additional Features:

- Cost effective solutions for utilities and emergency services.
- UV Protected radome suitable for harsh environment installation.



Specifications

Electrical

Frequency Range,	406-470 MHz
GAIN, typ.	5 dBi
VSWR, max.	2 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	OMNI – Directional 360°
3 dB Beam-Width, E-Plane, typ.	40°
Down Tilt, typ.	10°
Input power, max.	50 Watt
Anti Static Protection	DC Grounded
Input Impedance	50 Ohm

Mechanical

Dimensions (HxDia.)	900 x 60 mm (35.4" x 2.36")
Weight	600 gr.
Connector	N-Type, Female
Radome	UV Protected Plastic
Mounting Brackets/Clamps	Aluminum Protected Through Chemical Passivation

Environmental

Operating Temperature Range	-30°C to + 70°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)

MARS Antennas & RF Systems proprietary information

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