

MA-WO46-2

450-470 MHz OMNI Antenna

MARS 450-470MHz OMNI Antenna provides a cost effective solution for PMR (Private mobile radio) applications used by operators such as taxis, utilities and emergency services.

Additional Features:

- Excellent and stable performance
- Small and aesthetic profile
- UV protected antenna radome
- Suitable for both indoor and outdoor installations



Specifications

Electrical

Frequency Range	450-470 MHz
GAIN, typ.	2dBi
VSWR, max.	1.5:1
Polarization	Linear Vertical
3 dB Beam-Width, H-Plane, typ.	Omni Directional 360°
3 dB Beam-Width, E-Plane, typ.	70°
Input power, max	10 Watts
Input Impedance	50 Ohm

Mechanical

Dimensions (LxD)	360x26 mm
Connector	See Ordering Options
Mount	Ceiling / Pole mount optionally
Weight	300 gr.
Radome	UV Protected Plastic

Environmental

Operating Temperature Range	-40°C to +70°C
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Ordering Options

MA-WO46-2NF	Antenna with N-Type Female and Mount
MA-WO46-2NM	Antenna with N-Type Male
MA-WO46-2SF	Antenna with SMA Female and Mount

MARS Antennas & RF Systems proprietary information

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