

MA-WA46-1X

450-470 MHz In Building Panel Antenna

MARS 450 - 470 MHz Panel Antenna provides a cost effective solution for In Building PMR applications.

Additional Features:

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



Specifications

Electrical

Frequency range	450-470 MHz
GAIN, typ.	4 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	100°
3 dB Beam-Width, E-Plane, typ.	110°
Input power, max	20 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxWxD)	225 x 215 x 29 mm (8.9" x 8.5" x 1.1")
Weight	840 gr.
Connector	N-Type, (F)/ Pigtail ending in N-Type (F)
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected Plastic
Mount	Wall-Indoor Usage (Outdoor Version Available on Request)

Environmental

Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Wind Load	N/A
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)

Ordering Options

MA-WA46-1X	N-Type Connector Version
MA-WA46-1XC	N-Type + Cable RG58, ~25cm

Mars Antennas & RF Systems proprietary information

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

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