

MA-WOLTE-3M1

698-6500 MHz Multi Band Tri-Ports Omni Antenna

MARS Multi Band Tri-Ports Omni Antenna provides coverage of 698-6500 MHz in a single antenna radome.

The Multi Band Tri-Ports Omni Antenna is easy-installed on ceiling and is highly recommended as an outstanding logistic solution for In-Building and outdoor installations and applications.

Additional Features:

- Low/mid gain.
- UV protected radome made of polycarbonate.



Available in iBwave database

Specifications

Electrical

Frequency Range	698-6500 MHz	
GAIN, typ	Port 1 & 2 2 dBi @ 698-960 MHz 3-4 dBi @ 1710-2170 MHz 5 dBi @ 2.3-2.7 GHz 4 dBi @ 3.3-3.8 GHz 6 dBi @ 4.9- 6.5 GHz	Port 3 3 dBi @ 1710-2170 MHz 3 dBi @ 2.3-2.7 GHz 4 dBi @ 3.3-3.8 GHz 6 dBi @ 4.9-6.5 GHz
VSWR, max.	< 2 : 1	
Polarization	Linear, Vertical	
Input power, max	5 Watt	
3 dB Beam Width-Plane	Omni directional	
Port to Port Isolation	698-960 MHz > -14dB & 1710-2170 MHz > -20dB & 2.3-2.7 GHz @ 3.3-3.8 GHz > -25dB & 4.9-6.5 GHz > -30dB	
Input Impedance	50 Ohm	

Mechanical

Visible dimension (Dia x H) *	220 x 45 mm (8.66" x 1.77")
Antenna dimension (L x W x H) **	369 x 270 x 95 mm (14.52" x 10.63" x 3.74")
Weight	900 gr.
Connector	See ordering information
Back Plane	UV Protected Polycarbonate
Radome	UV Protected Polycarbonate
Mounting	Ceiling

Environmental

Operating Temperature Range	-40°C to +65°C
Wind Load	200 Km/h (Survival)
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67
Flammability	UL94
Salt Fog	According to IEC 68-2-11
Humidity	ETS 300 019-1-4, EN 302 085 (Annex A.1.1)

Ordering Options

MA-WOLTE-3M1	3x Pigtail 6 feet LMR-195 with N-Type Male (Plenum Rated Cable)
MA-WOLTE-3M1N	Antenna 3 x N-Type Female

(*) Dimensions for installation inside the ceiling tile

(**) Dimension for installation outside of the tile (4 screws)

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