

MA-WOLTE-DP2

698 MHz – 6.6 GHz Multi Band Dual Polarized Omni Antenna

MARS Multi Band Omni Antenna covers continuously all the bands from 698 MHz to 6.6 GHz in Vertical Polarization and 1.7-2.7 GHz & 4.6-6.6 GHz Band in Horizontal Polarization in a single antenna radome.

The antenna is aesthetic and has unobtrusive profile that blends easily with any environment.

The antenna is easy-installed and is highly recommended as an outstanding logistic solution for fast deployments and "In-Building" installations. The antenna is available also for outdoor applications.



Available in iBwave database

Specifications

Electrical

	Port 1	Port 2	Port 3				
Frequency range	1.7-2.7 GHz	4.5-6.6 GHz	698-960 MHz	1.7-2.3 GHz	2.3-2.7 GHz	3.3-3.8 GHz	4.6-6.6 GHz
GAIN, typ.	5 dBi	6 dBi	4 dBi	3-4 dBi	5.5 dBi	4 dBi	6 dBi
Polarization.	Linear, Horizontal		Linear, Vertical				
Horizontal Beam width			Omni 360°				
VSWR			1.5:1 typ. 2:1 max.				
Input power, max.			30 Watt				
Input Impedance			50 Ohm				
Port to Port Isolation, typ			-40 dB				

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	3 x N-Type, Female
Back Plane	UV Protected Polycarbonate
Radome	UV Protected Polycarbonate
Mounting	Ceiling Mounting or through 4 holes

Environmental

Operating Temp. Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Water Proofing	Ordering Option
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Patent Pending

Available configuration for port 1 & port 2. Other configurations available upon request.

Ordering Options

Indoor Product Name	Outdoor Product Name (IP67)	Port 1 gain	Port 2 gain
MA-WOLTE-DP2	MA-WOLTE-DP2R	5dBi	6dBi
MA-WOLTE-DP2-5-0	MA-WOLTE-DP2-5-0R	5dBi	N/A
MA-WOLTE-DP2-2-6	MA-WOLTE-DP2-2-6R	2dBi	6dBi
MA-WOLTE-DP2-2-0	MA-WOLTE-DP2-2-0R	2dBi	N/A
MA-WOLTE-DP2-0-6	MA-WOLTE-DP2-0-6R	N/A	6dBi

(*) Dimensions for installation inside the ceiling tile

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

Patterns are available on our website

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.

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