

## 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 & 4.4-6.6 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.



### Specifications

#### Electrical

	Port 1	Port 2	Port 3				
Frequency range	1.7-2.7 GHz	4.4-6.6 GHz	698-960 MHz	1.7-2.3 GHz	2.3-2.7 GHz	3.3-3.8 GHz	4.5-6.6 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						
PIM, 3 <sup>rd</sup> Order, 20W	-150 dBc typ.						
Port to Port Isolation, typ	-40 dB						

#### Mechanical

Dimensions (D x H)	Antenna-220 x 95 mm (*)
Weight	1.360 Kg.
Connector	3 x N-Type, Female
Radome	UV Protected Polycarbonate
Mounting	Ceiling Mounting

#### Environmental

Operating Temp. Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Water Proofing	See 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. Port 3 is non-changeable.

### Ordering Options

Indoor Product Name	Outdoor Product Name (IP67)	Port 1 gain	Port 2 gain	Port 3 gain
MA-WOLTE-DP2	MA-WOLTE-DP2R	5dBi	6dBi	See electrical specifications
MA-WOLTE-DP2-5-0	MA-WOLTE-DP2-5-0R	5dBi	N/A	See electrical specifications
MA-WOLTE-DP2-2-6	MA-WOLTE-DP2-2-6R	2dBi	6dBi	See electrical specifications
MA-WOLTE-DP2-2-0	MA-WOLTE-DP2-2-0R	2dBi	N/A	See electrical specifications
MA-WOLTE-DP2-0-6	MA-WOLTE-DP2-0-6R	N/A	6dBi	See electrical specifications

Other configurations available upon request.

\* Stand out from the ceiling

**Patterns are available on our website**

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