

## MA-WOLTE-DIN

### 698 MHz-6.5 GHz Multi Band Omni Antenna

MARS Multi Band Omni Antenna covers all the bands for 2G, 2.5G and 3G cellular, as well as UHF (760-960 MHz), LTE (698-806 MHz), ISM, WLAN, UNII, Bluetooth and Wi-Fi bands.

The antenna is aesthetic, small 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 In-Building Installations.

The antenna is PIM certified, thus making it suitable for all multi-carrier systems. Antenna is suitable for DAS Applications.



## Specifications

### Electrical

Standard	LTE	SMR, AMPS, CDMA, TDMA, GSM 900	PCS, DECT, GSM 1900, UMTS	Bluetooth, ISM, WLAN	WLL	UNII, WLL, H-LAN, Wi-Fi
Frequency range	698-806 MHz	806-960 MHz	1.695-2.17 GHz	2.3-2.7 GHz	3.3-3.8 GHz	4.9-6.5 GHz
GAIN, typ.	2	2	3-4	5	4	6
VSWR, max.	2:1	2.2 : 1	1.9 : 1	2.1 : 1	2 : 1	2 : 1
Polarization	Linear, Vertical					
Input power, max.	50 Watt					
Input Impedance	50 Ohm					
PIM, 3 <sup>rd</sup> order, 2X20W	-155 dBc					

### Mechanical

Dimensions (HxWxD)	Base Diameter - 205 mm (8.07"), Height - 89 mm (3.5")
Weight	280 gr.
Connector	12" Coaxial Plenum Rated Pigtail with 4.3-10 DIN, Female Connector
Back Plane	Glass epoxy
Radome	UV Protected Polycarbonate
Mount	Ceiling Mounting

### Environmental

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

Patterns are available on our website

**Patent Pending**

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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