

## MA-WOLTE-3X

### 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.



Available in iBwave database

### 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	1.71-2.17 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, 3rd order, 2X20W (option)	-150 dBc					

#### Mechanical

Dimensions (HxWxD)	Base Diameter - 205 mm, Height - 89 mm
Weight	220 gr.
Connector	N-Type, Female (See Ordering Options)
Back Plane	Glass epoxy
Radome	UV Protected Polycarbonate
Mount	See Ordering Options

#### 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)

### Ordering Options

MA-WOLTE-3X	Ceiling Mountable
MA-WOLTE-3X1	Ceiling option with central connector mounting (Long N-type 45 mm)
MA-WOLTE-3XA	Ceiling Mountable with 38 cm pigtail
MA-WOLTE-3XB	Ceiling/Wall Adjustable with MNT-22 mount
MA-WOLTE-3XT	Ceiling/Wall Provision for Adjustable with MNT-22 mount with DC Return
MA-WOLTE-3XP	Ceiling Mountable PIM certified
MA-WOLTE-3X1P	Ceiling option with central connector mounting (Long N-type 45 mm) PIM certified
MA-WOLTE-3XAP	Ceiling Mountable with 38 cm pigtail PIM certified
MA-WOLTE-3XBP	Ceiling/Wall Adjustable with MNT-22 mount PIM certified
MA-WOLTE-3XTP	Ceiling/Wall Provision for Adjustable with MNT-22 mount with DC Return PIM certified

Patterns are available on our website

## Patent Pending

MARS Antennas & RF Systems proprietary information

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