

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.



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

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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