MA-WOLTE-D43

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, 3rd order, 2X20W	-159 dBc					

Mechanical

Dimensions (HxWxD)	Base Diameter - 205 mm, Height - 89 mm
Weight	280 gr.
Connector	See ordering Options
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)

Ordering Options

MA-WOLTE-D43	Antenna with 12” Coaxial Plenum Rated Pigtail with 4.3-10 Female Connector
MA-WO LTE-D3N	Antenna with 12” Coaxial Plenum Rated Pigtail with N-Type Female Connector

Patterns are available on our website

Patent Pending

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