

MA-WO6960-DP6DIN

617 MHz - 6 GHz Multi Band Dual Polarization Omni Antenna

This Multi Band Dual Pol Omni Antenna covers all the bands for 2G, 2.5G, 3G and 4G cellular, as well as UHF (806 - 960 MHz), LTE (617-806 MHz), band LTE 71 "600 MHz spectrum", ISM, WLAN, UNII, Bluetooth and Wi-Fi bands.

The antenna is aesthetic, and has unobtrusive profile allowing it to blend in easily with any environment.

It is easily installed and highly recommended as an outstanding logistic solution for Outdoor as well as 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-71	WMTS, DVB-T LTE	SMR, AMPS, CDMA, TDMA, GSM 900	PCS, DECT, GSM 1900, UMTS	Bluetooth, ISM, WLAN	WLL	UNII, WLL, H-LAN, Wi-Fi
Frequency range	617-698 MHz	698-806 MHz	806-960 MHz	1.695-2.18GHz	2.3-2.7 GHz	3.3-3.8 GHz**	5-6 GHz
GAIN, typ.	1 (3*)	2 (4.5*)	2.5 (5*)	5 (7*)	6 (7*)	4 (5.5*)	7 (8.5*)
VSWR	1.5:1 typ. ; 3.0: 1 max.						
Polarization	Linear, Vertical & Horizontal						
Input power, max.	50 Watt						
Port to Port Isolation, typ.	-20dB	-20dB	-25dB	-30dB	-30dB	-30dB	
Input Impedance	50 Ohm						
PIM, 3rd order, 2X20W	-150 dBc						

Mechanical

Dimensions (DxH)	303 x 86 mm (11.93"x 3.39")
Weight	0.6 Kg.
Connector	2 x 12" Coaxial Plenum Rated Pigtail with 4.3-10 DIN, Female Connector
Back Plane	Glass Epoxy
Radome	UV Protected Plastic
Mount	Ceiling Mounting

Environmental

Operating Temp Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Ordering Options

MA-WO6960-DP6DIN	Antenna Indoor
MA-WO6960-DP6DINR	Antenna Outdoor

*Above metal surface, with spacing of 50-60 mm

** Vertical Polarization only

Patent Pending

MARS Antennas & RF Systems proprietary information

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