

## MA-WO6960-DP6DIN

### 617 MHz - 6 GHz Multi Band Dual Polarization Omni Antenna

MARS 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 that blends easily with any environment.

The antenna is easy-installed and is highly recommended as an outstanding logistic solution for Outdoor installations 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	UNII, WLL, H-LAN, Wi-Fi
Frequency range	617-698 MHz	698-806 MHz	806-960 MHz	1.695-2.17 GHz	2.3-2.7 GHz	5-6 GHz
GAIN, typ.	1 (3*)	2 (4.5*)	2.5 (5*)	5 (7*)	6 (7*)	7 (8.5*)
VSWR	1.5:1 typ. ; 2.5 : 1 max.					
Polarization	Linear, Vertical & Horizontal					
Input power, max.	50 Watt					
Port to Port Isolation, typ.	-20dB	-20dB	-20dB	-25dB	-30dB	-30dB
Input Impedance	50 Ohm					
PIM, 3rd order, 2X20W	-150 dBc					

#### Mechanical

Dimensions (DxH)	303 x 86 mm
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

**Patent Pending**

MARS Antennas & RF Systems proprietary information

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