



## MA-CM36-15

### Multi Band Omni Antenna

MARS Multi Band Omni Antenna covers all the bands for 2G, 2.5G and 3G cellular, as well as ISM, WLAN and Bluetooth.

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.

#### Available in iBwave database



#### **Specifications**

Electrical			
Standard	SMR, AMPS, CDMA, TDMA, GSM 900	PCS, DECT, GSM 1900, UMTS	Bluetooth, ISM, WLAN
Frequency range	806-960 MHz	1.71-2.17 GHz	2.3-2.7 GHz
GAIN, typ.	2 dBi	3-4 dBi	5 dBi
VSWR, max.	2:1	1.5 : 1	1.6 : 1
Polarization	Linear, Vertical		
Input power, max.	50 Watt		
Input Impedance	50 Ohm		
Lightning Protection	DC Grounded		
Mechanical			
Dimensions (HxWxD)	Base Diameter - 205 mm, Height - 89 mm		
Weight	220 gr.		
Connector	N-Type, Female		
Back Plane	Aluminum; protected through chemical passivation		
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-CM36-15	Antenna Indoor
MA-CM36-15R	Antenna Outdoor
MA-CM36-15T	Antenna Indoor with DC Return Option

Patterns are available on our website

# **Patent Pending**

MARS Antennas & RF Systems proprietary information

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