MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

MA-CR26-2X

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, UNII, Bluetooth and Wi-Fi.
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	SMR, AMPS, CDMA, TDMA, GSM 900	PCS, DECT, GSM 1900, UMTS	Bluetooth, ISM, WLAN	WLL	UNII, WLL, H-LAN, Wi-Fi
Frequency range	806-960 MHz	1.71-2.17 GHz	2.3-2.7 GHz	3.4-3.7 GHz	4.9-6 GHz
GAIN, typ.	2	3-4	5	5	5-6
VSWR, max.	2 : 1	1.6 : 1	1.6 : 1	2 : 1	1.8 : 1
Polarization	Linear, Vertical				
Input power, max	50 Watt				
Input Impedance	50 Ohm				
PIM, 3rd order, 2X20W (optional)	<-155 dBc				

Mechanical

Dimensions (HxWxD)	Base Diameter - 205 mm (8.07"), Height - 89 mm (3.5")
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-CR26-2X	Antenna Indoor
MA-CR26-2XR	Antenna Outdoor
MA-CR26-2XT	Antenna Indoor with DC Return Option
MA-CR26-2XP	Antenna Indoor PIM Certified
MA-CR26-2XRP	Antenna Outdoor PIM Certified
MA-CR26-2XTP	Antenna Indoor with DC Return Option PIM Certified

Patterns are available on our website Patent Pending

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