

MA-CN14-11

Multi Band 140° Antenna

MARS Multi Band 140° Antenna covers all the bands for 2G, 2.5G and 3G cellular.

The antenna is aesthetic, small and has unobtrusive profile.



Specifications

Electrical

Standard	SMR, AMPS, CDMA, TDMA, GSM 900	PCS, DECT, GSM 1900, UMTS
Frequency range	806-960 MHz	1.71-2.17 GHz
GAIN, typ.	5 dBi	
VSWR, max.	2 : 1	
3 dB Beam-Width, H-Plane, typ.	130°	140-150°
3 dB Beam-Width, E-Plane, typ.	70°	85°
Polarization	Linear, Vertical	
Input power, max.	50 Watt	
Input Impedance	50 Ohm	

Mechanical

Dimensions - Base Plate (HxW)	185 x 105 mm (7.3" x 4.1")
Dimensions - Radome (HxWxD)	175 x 35 x 125 mm (6.9" x 1.4" x 4.9")
Weight	260 gr.
Connector	Pig Tail with N-Type, Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Plastic

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-CN14-11	Antenna Indoor
MA-CN14-11R	Antenna Outdoor

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com