

## 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.

Available in iBwave database



### 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

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