



MA-CLTE-14

Multi Band Panel Antenna

Up-To-Date Multi Band Panel Antenna covers all the bands for LTE 700 MHz, cellular bands, as well as ISM, WLAN, GSM1800, UMTS and Bluetooth.

The antenna is aesthetic, small and has unobtrusive profile that blends easily with any environment.

The antenna can be easily used either for Indoor or Outdoor Applications and features different mounting options.

Available in iBwave database



Specifications

Electrical						
	LTE 700	SMR,AMPC,	GSM 1800,	Bluetooth,		
Standard		CDMA,TDMA	UMTS	ISM,		
		GSM 900		WLAN		
Frequency range	698-806 MHz	806-960 MHz	1710-2170 MHz	2.2-2.7 GHz		
GAIN, typ.	5 ± 1dBi	6 ± 1dBi	6.5 ± 1dBi	5 ± 1 dBi		
VSWR, max.	2:1	2:1	1.7 : 1	1.7 : 1		
3 dB Beam-Width, H-Plane, typ.	130°	140°	80°	55°		
3 dB Beam-Width, E-Plane, typ.	70°	60°	45°	30°		
Polarization	Linear, Vertical					
Input power, max.	10 Watt					
Input Impedance	50 Ohm					

Mechanical

Dimensions (HxWxD)	231 x 215 x 37.5 mm (9.1" × 8.5" × 1.5")	
Weight	500 gr.	
Connector	N-Type, Female at bottom (can be installed also upside down) UV Protected Plastic (metal reinforced from the inside)	
Back Plane		
Radome	UV Protected Polycarbonate	
Mount	See Ordering Options	

Environmental

Operating Temperature Range	-40°C to +65°C	
Vibration	According to IEC 60721-3-4	
Wind Load	200 km/h (survival)	
Flammability	UL94	
Water Proofing	IP-65	
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)	
Salt Fog	According to IEC 68-2-11	
Ice and Snow	25mm radial (survival)	

Ordering Options					
Application	Wall Mountable	Az/El Adjustable MNT-22 Mount			
Indoor / Outdoor	MA-CLTE-14	MA-CLTE-14B			
Indoor / Outdoor + DC Return	MA-CLTE-14T	MA-CLTE-14TB			

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