

## Indoor/Outdoor Directional Antenna 698-2700 MHz

**Product Description**

This directional antenna is specifically designed for broadband in-/out-door distribution of LTE/CDMA800/GSM900/GSM1800/3G WLAN (WiFi) and Wimax services. The antenna is constructed from lightweight materials suitable for wall and mast mounting.



Directional Antenna

**Features/Benefits**

- LTE ready ( 700MHz and 2600MHz bands )
- Broadband, coverage 698 to 2700MHz
- Support the popular communications system currently
- Sealed with radome, Strong protection ability
- Low VSWR, High gain, Stable performance
- Supplied with down-tilt bracket kit

**Technical Specifications**

Product Type	Directional Antenna
Application	Indoor / Outdoor
Frequency Range, MHz	698-960 / 1710-2700
Number of Input Ports	1
Connectors	N female
Impedance, Ohm	50
VSWR (50 Ohm)	1.5 @ 698-960 and 1710-2500MHz
Total Input Power, W	max. 100
Gain, dBi	7.5 @ 698 - 800MHz 8.5 @ 800 - 960MHz 10 @ 1700 - 2700MHz
Front-to-Back Ratio, dB	= 15 (698-800), = 20 (800-960,1700-2700)
Polarization	Vertical
Horizontal Beamwidth, deg	85/85/60
Vertical Beamwidth, deg	65/60/50
Connector Cable, mm (in)	185 (7.28)
Radome Material	ABS
Radome Color	White (RAL9010)
Mounting Hardware included	Downtilt bracket kit, for mast diameter 40 to 50mm
Temperature Range, °C (°F)	-40 to +60 (-40 to 140)
Height, mm (in)	210 (8.27)
Width, mm (in)	65 (2.55)
Length, mm (in)	293 (11.52)
Weight, kg (lb)	0.92 (2.05)
Environmental Class	IP33

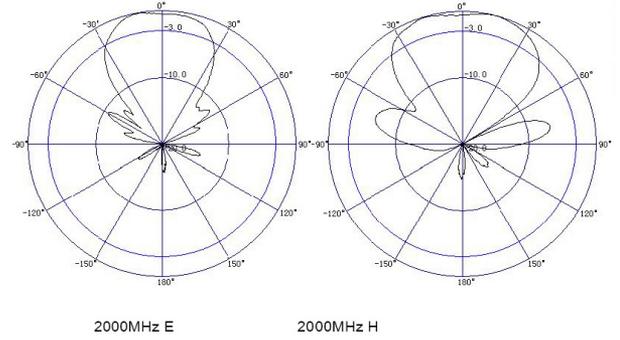
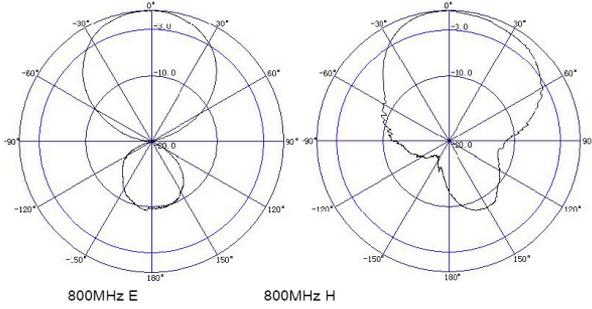
**Notes**

- When installing the antenna the little drainage hole in the radome has to face downwards in order to prevent water ingress.
- Windspeed: 60m/s

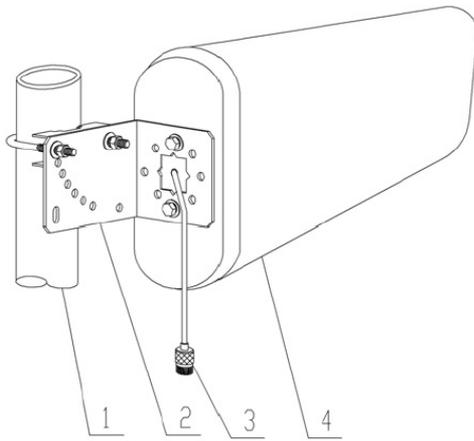
**Other Documentation**



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Installation Sketch



- 1. Mast(user-provide) ;
- 2. "L" mounting kit;
- 3. connector;
- 4. antenna

All information contained in the present datasheet is subject to confirmation at time of ordering