

Features

- Wideband omni-directional indoor antenna
- Frequency range: 698–2700 MHz
- Vertical polarization with 360° horizontal beamwidth
- Low PIM: ≤ -153 dBc @ 2x43 dBm
- N-Female connector, white radome
- 50-ohm impedance
- RoHS compliant
- Ceiling-mount design with mounting hardware included

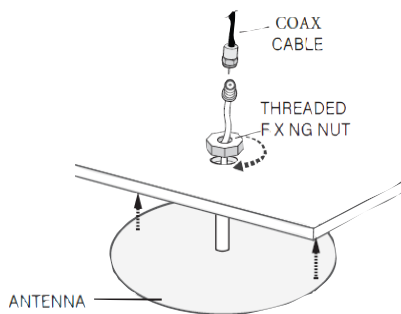


Description

The 530W multi band dome antenna is an omni-directional interior antenna. The range of antenna is dependent on three factors: 1) physical obstructions, 2) power generated by booster/amplifier, and 3) reception from outside signal received and distributed by outside antenna. In addition to the antenna itself, parts include equipment for mounting on the ceiling.

Installation

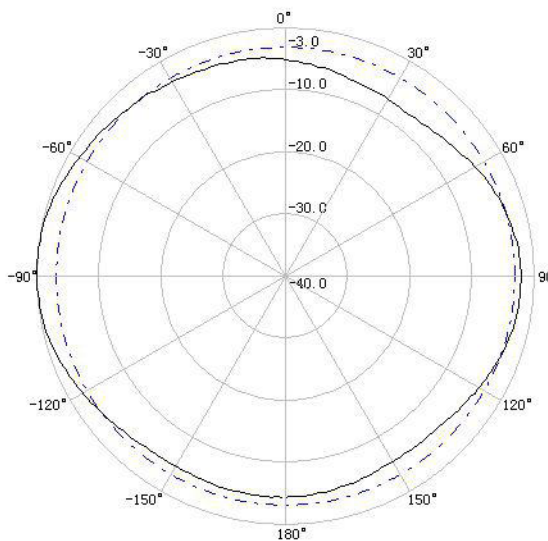
1. Drill a 18 mm diameter hole in the ceiling. The size should be large enough to allow the antenna's plastic cable base to pass through.
2. Place antenna cable through hole.
3. From crawl space, screw the fixing nut onto antenna and fasten around the threaded plastic cable base.
4. Connect female antenna connector with coax cable that leads to your booster port marked INSIDE.



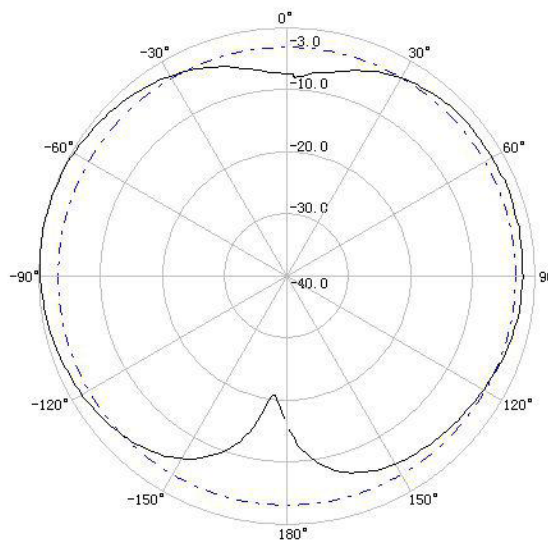
Technical Specifications

Frequency(MHz)	698-960	1710-2700
Polarization	Vertical	Vertical
Gain (dBi)	2.5	5
Horizontal beam width(°)	360°	360°
Vertical beam width(°)	80°	45°
VSWR	≤ 1.8	≤ 1.7
3rd PIM(dBc)	≤ -153 dBc@2*43dBm	
Average Power(W)	50	
Impedance (ohm)	50	
Connector & Cable Color	N-Female & White	
Light Protection	DC-Ground	
Working Temp(deg)	-40~+55	
Radome Material and Color	UV-Protected ABS, White	
Rated Wind Velocity (m/s)	36.9	
Wind Loading area (M2)	≤ 0.2	
Dimensions(mm)	Ø203*43	

Antenna Pattern



H-Plane



E-Plane

Ordering Information

Model	Description	Stock No.
530W	Wideband Indoor Omni Ceiling-Mount Antenna, Low Profile, 50 ohm, 2.5 dBi 698-960 / 1700 -2700 MHz	3996128