

GUARDIAN



TQ-530W Wide Band In-Building Antenna

FEATURES

- Wide Frequency Band (698 – 2700 MHz)
- Low VSWR & High Gain
- Easy Installation in projects
- Corrosion Resistance, Anti-aging
- Widely used for In-buiding DAS

Technical Specifications

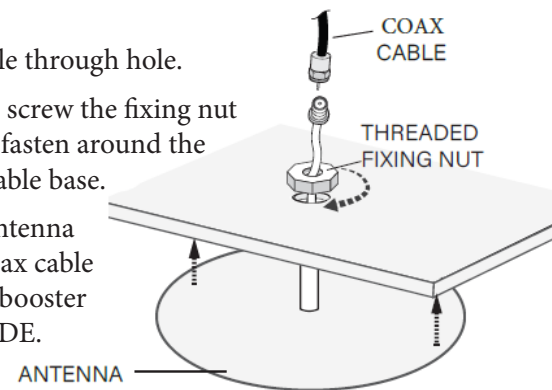
Model No.	TQ-530W	
Frequency(MHz)	698-960	1710-2700
Polarization	Vertical	Vertical
Gain (dBi)	2.5	5
Horizontal beam width(°)	360°	360°
Vertical beam width(°)	80°	45°
VSWR	≤1.8	≤1.7
3rd PIM(dBc)	≤-153dBc@2*43dBm	
Average Power(W)	50	
Impedance (ohm)	50	
Connector & Cable Color	N-Female & White	
Light 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 (M ²)	≤0.2	
Dimensions(mm)	Ø203*43	



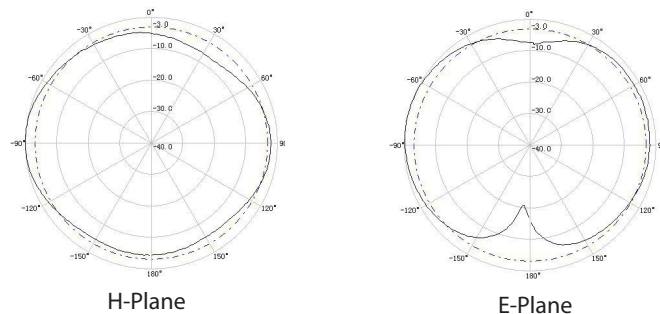
The TQ-530W multi band dome antenna is an omni-directional interior antenna. The range of antenna is dependent on three factors: 1) physical obstructions, 2) power generated by booster/ amplifier, and 3) reception from outside signal received and distributed by outside antenna. In addition to the antenna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



Antenna Pattern



Ordering Information

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