Kenbotong Technology Co., Ltd.

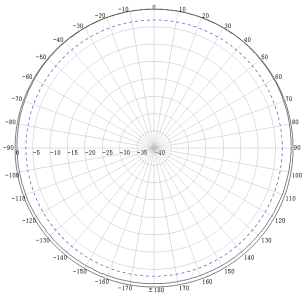
TQJ-D0727XDY-HWHW

MIMO Omni-directional Ceiling Antenna

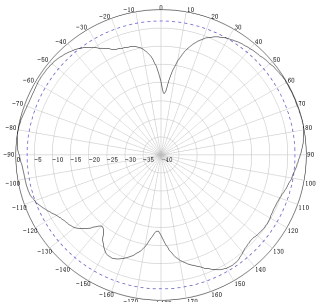
Technical Sheet

Features

- Wide band with coverage of common systems 698-960/1710-2700MHz
- Light weight and small size
- ABS radome for ultraviolet protection



H Plane



E Plane

Electrical Specifications				
Model	TQJ-D0727XDY-HWHW			
Port	Port1			Port2
Frequency-MHz	698～800	800～960	1710～2700	1710～2700
Polarization	Vertical			Horizontal
VSWR	≤1.9	≤1.8		≤1.8
Gain-dBi	≥1.5	≥3.5		≥3.5
Horizontal half-power beam width (°)	360			
Isolation (dB)	≥25			
PIM, 3rd Order (dBc)	⩽ -140 (2 x 33 dBm carrier)			
Max. Power（W)	≥50			
Impedance（Ω）	50			
Grounding	DC grounded			
Mechanical Specifications				
Antenna Dimensions(OD*H)(mm)	≤Φ204×120			
Net. Weight(support racks incl.)(kg)	≤0.61			
Radome Material	ABS			
Application	Indoor			
Operating Temp. Range (℃)	-30 … +45			
Storage Temp. Range(℃)	-40 … +55			
Connector Type	N-Female			

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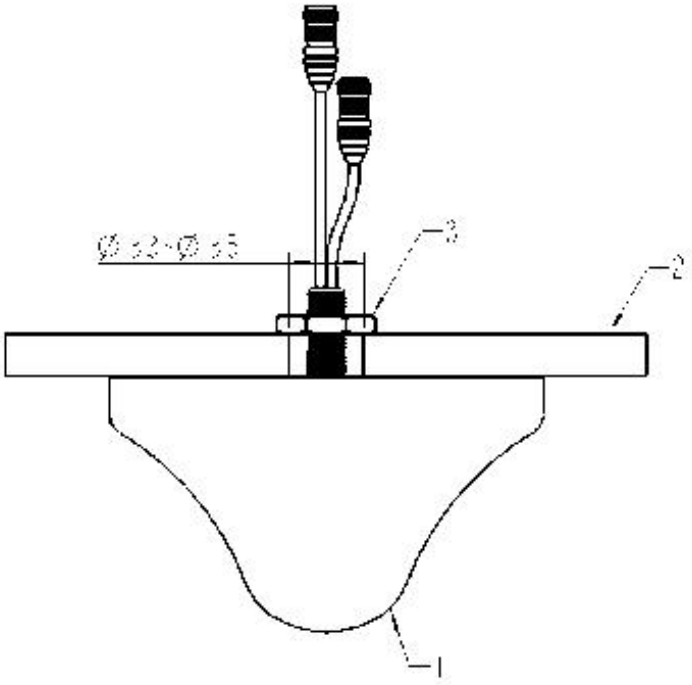
Installation Sketch



1、Drill a round hole Φ33mm～Φ35mm on the ceiling.
2、Match the antenna to the round hole.
3、Fix the antenna onto the ceiling with the screws.

Attention!

The hole on the ceiling must be slightly bigger than the antenna connector flange, and the antenna base plate should be in close contact with the ceiling, which influences the performance of the antenna.

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