KBT

617～960/1710～2700/3300～3800/4900～6000MHz 4/5/6/6dBi MIMO Omnidirectional Ceiling Antenna

TQJ-Q0660XDZA-M

Application

Used in 2G/3G/4G/5G/WLAN system

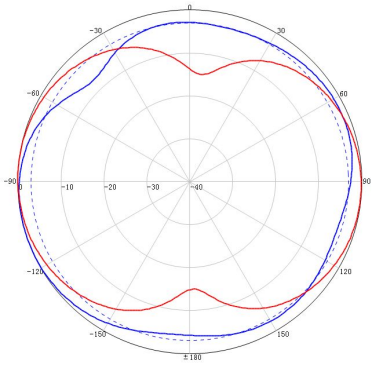
Electrical specifications

Frequency range (MHz)	617～960	1710～2700	3300～3800	4900-6000
Polarization	4*Linear			
Gain (dBi)	4	5	6	6
Horizontal beam width (°)	360			
Vertical beam width (°)	80	50	40	50
Non-circularity (dB)	/			
Isolation (dB)	≥16	≥20	≥25	
Impedance (Ω)	50			
VSWR	≤2.0	≤1.8		
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			/
Maximum power (W)	50			
Lighting protection	DC Ground			

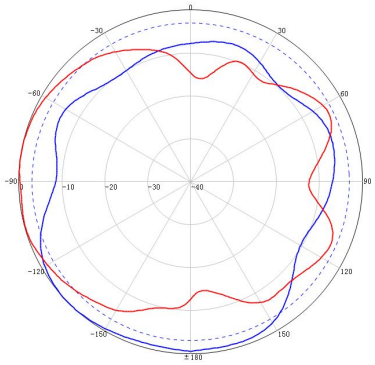
Mechanical specifications

Connector	4*4.3-10 Female or 4* N-Female
Connector position	Bottom
Exposed cable size (cm)	30(or customer requirement)
Height/width/depth (mm)	ϕ350*45
Packing size (mm)	410*140*420
Weight (kg)	1.3
Radome material	ABS
Radome color	White
Operating temperature (℃)	-40～60
Application	Indoor
Mounting	Nut

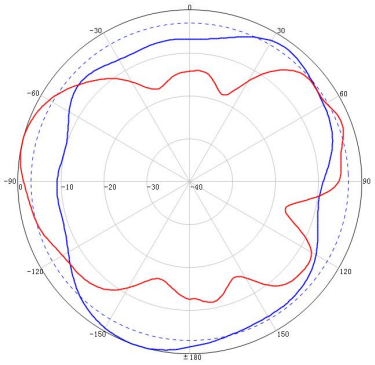
617～960MHz Typical pattern:



1710～2700MHz Typical pattern:



3300～6000MHz Typical pattern:



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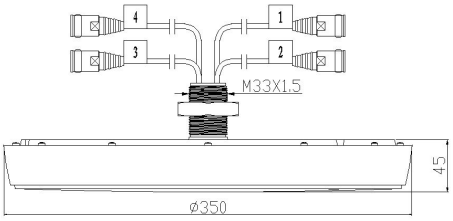
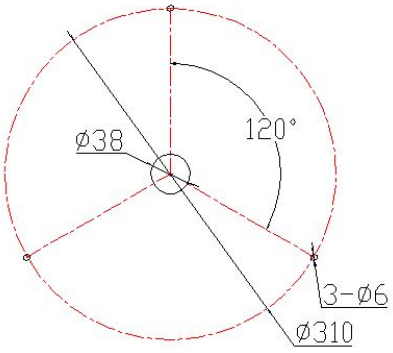
Product pictures

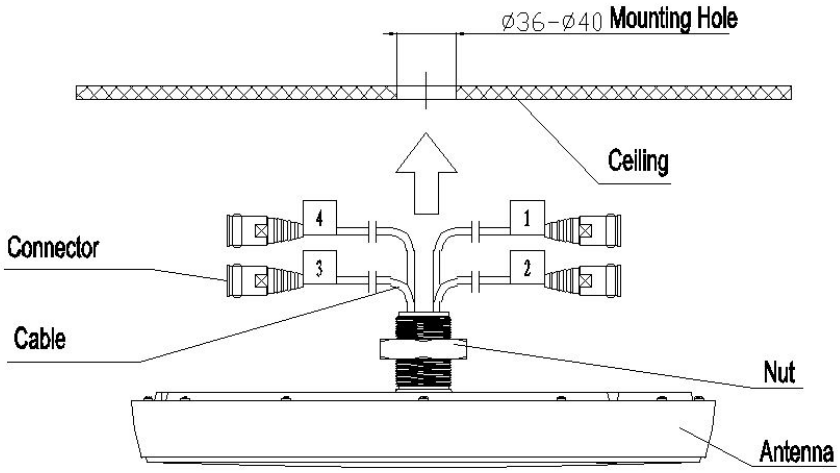
Product size



Installation Sketch



Optional screw fixing hole size



1、Drill a round hole Φ36mm～Φ40mm 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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