

**KBT**

617~698/698~960/1695~2700/3300~4200/4800~6000MHz
4/4/5/6/5dBi MIMO Omnidirectional ceiling antenna

TQJ-D0660XTLA-M**Application**

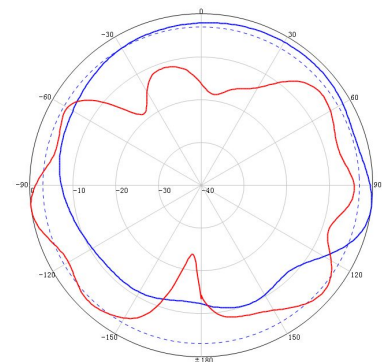
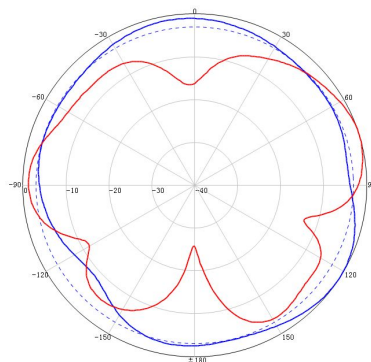
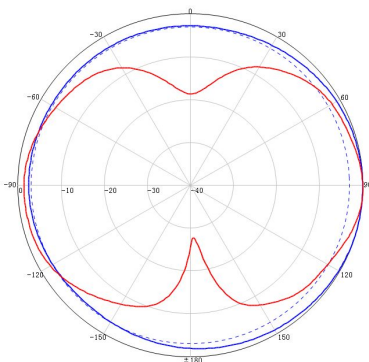
Used in 2G/3G/4G/5G/WLAN system

Electrical specifications

Frequency range (MHz)	617~698	698~960	1695~2700	3300~4200	4800~6000
Polarization	2*Linear,Horizontal				
Typical Gain (dBi)	4	4	5	6	5
Horizontal beam width (°)	360, omnidirectional				
Typical Vertical beam width (°)	70	68	50	30	30
Isolation (dB)	≥18	≥18	≥20	≥30	≥30
Impedance (Ω)	50				
VSWR	≤1.8	≤1.7	≤1.7	≤1.8	≤1.9
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc	≤-153 dBc	≤-153 dBc	≤-153 dBc	/
Maximum power (W)	50				

Mechanical specifications

Connector	2*4.3-10 Female or 2*N Female
Exposed cable size (cm)	30(or customer requirement)
Connector position	Bottom
Antenna size (mm)	Φ250*8
Packing size (mm)	265*260*88
Weight (kg)	0.4
Radome material	ABS
Radome color	White (RAL 9003)
Operating humidity (%)	5~95
Operating temperature (°C)	-40~60
Application	Indoor
Mounting	Fixed with nut

617~960MHz Typical pattern:**1695~2700MHz Typical pattern:****3300~6000MHz Typical pattern:**



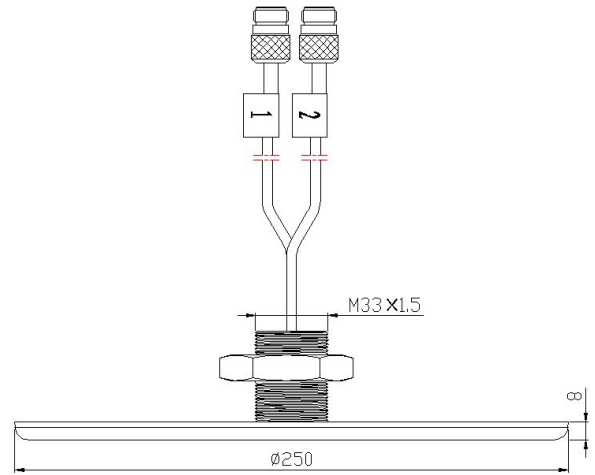
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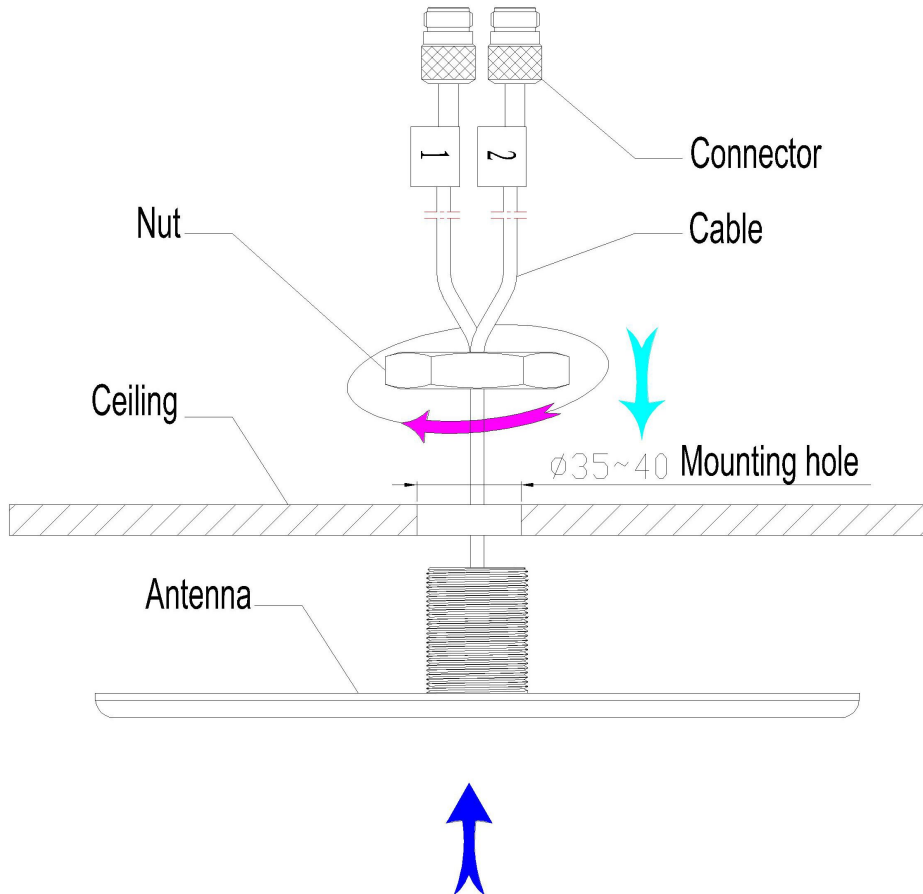
Product pictures



Product size



Installation Sketch



1. Drill a $\Phi 35 - \Phi 40$ hole on the ceiling.
2. Install the antenna as the following picture shows then tighten the bolts.
3. Connect the RF jumper to antenna connector.

NOTE:The antenna please not to install on the big area metals, in order to prevent influence antenna result.