KBT

698～960/1350～1550/1710～2700/3300～3800MHz 1.5/2.5/4/4dBi Low PIM Omnidirectional ceiling antenna

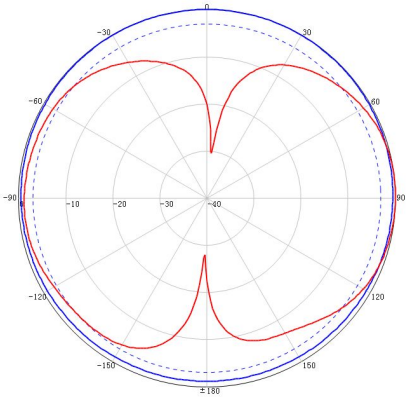
TQJ-0738XDQ-M

Application

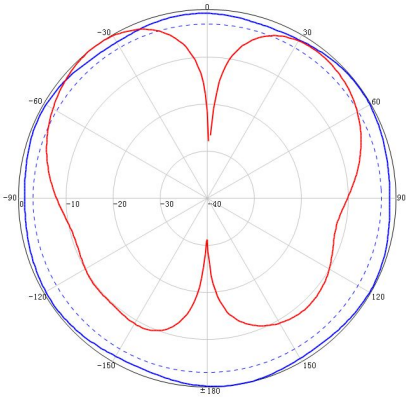
Used in 2G/3G/4G/5G/WLAN system

Electrical specifications				
Frequency range (MHz)	698-960	1350～1550	1710～2700	3300～3800
Polarization	Vertical			
Maximum Gain (dBi)	1.5	2.5	4	4
Horizontal beam width (°)	360			
Typical Vertical beam width (°)	85	70	55	28
Impedance (Ω)	50			
VSWR	≤1.7		≤1.5	
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Maximum power (W)	100			
Lighting protection	DC Ground			
Mechanical specifications				
Connector	4.3-10 Female			
Exposed cable size (cm)	20(or customer requirement)			
Connector position	Bottom			
Antenna size (mm)	φ186*85			
Packing size (mm)	150*150*175			
Weight (kg)	0.25			
Radome material	ABS UV Sterilized			
Radome color	White			
Operating humidity (%)	5～95			
Operating temperature (℃)	-40～70			
Application	Indoor			
Mounting	Fixed with nut			

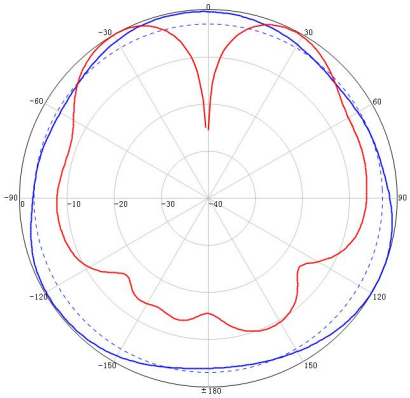
698～960MHz Typical pattern:



1350～2700MHzTypical pattern:



3300～3800MHzTypical pattern:



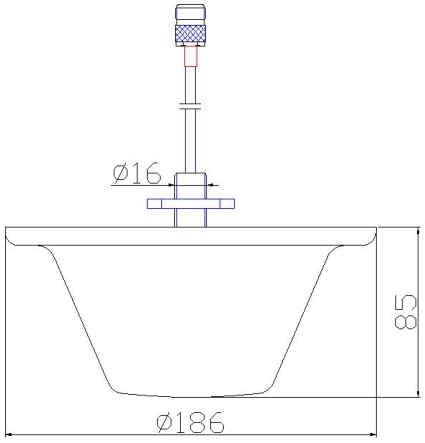
No.2 ChanxiuRoad, Foshan, Guangdong, China. 528061 Tel: +86-757-82219788 Fax: +86-757-82212072
Email: kbt@kenbotong.com Web: http://www.kenbotong.com

KBT

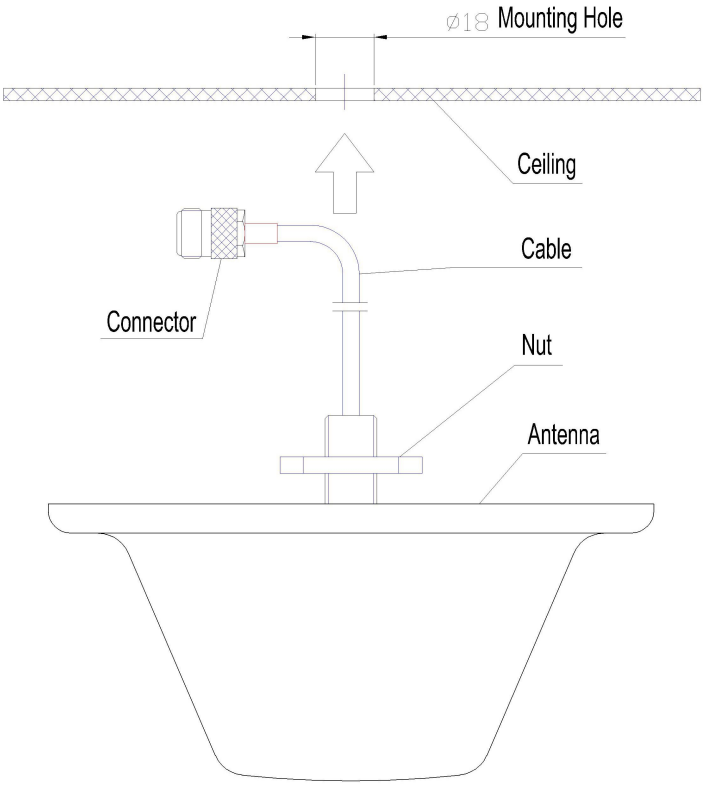
698～960/1350～1550/1710～2700/3300～3800MHz 1.5/2.5/4/4dBi Low PIM Omnidirectional ceiling antenna

Product pictures

Product size



Installation Sketch



1. Drill a Φ18 - Φ25 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.

No.2 ChanxiuRoad, Foshan, Guangdong, China. 528061 Tel: +86-757-82219788 Fax: +86-757-82212072
Email: kbt@kenbotong.com Web: http://www.kenbotong.com