



## TQJ-D0727XDZ-M

### Indoor MIMO Ceiling Omni Antenna

## Technical Sheet



### Applications

- CDMA/GSM/3G/WLAN /LTE
- Indoor coverage system
- Low profile
- Wireless communication system
- Wireless data transmission
- FDD/TDD-LTE

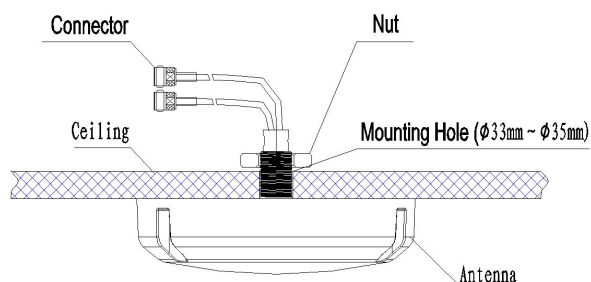
### Features

- 698~960/1710~2700MHz Band
- Broad Band ;Low VSWR

Electrical specifications	TQJ-D0727XDZ-M	
Frequency range (MHz)	698~960	1710~2700
Polarization	Vertical	
Gain (dBi)	$2 \times 4 \pm 1$	$2 \times 5 \pm 1.5$
Half-power beam width (°)	H:360	
	V:85	V:55
VSWR	$\leq 1.8$	$\leq 1.5$
Isolation (dB)	$\geq 18$	$\geq 20$
Impedance ( $\Omega$ )	50	
Intermodulation IM3 (2x43dBm carrier)	$\leq -150\text{dBc}$	
Maximum power (W)	50	
Lighting protection	DC Ground	

Mechanical specifications	
Connector	2x4.3-10 Female
Height/width/depth (mm)	$\Phi 207 \times 56$
Weight (kg)	0.55
Radome material	ABS
Radome color	White
Mounting	Fixed with nut
Operating temperature (°C)	-40~60
Application	Indoor

### Installation Sketch



1. Drill a  $\Phi 33 - \Phi 35$  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.