



TQJ-0740XDZ-M

Indoor Ceiling Omni Antenna

Technical Sheet



Applications

- CDMA/GSM/3G/WLAN /LTE/5G
- Indoor coverage system
- Low profile
- Wireless communication system
- Wireless data transmission
- FDD/TDD-LTE

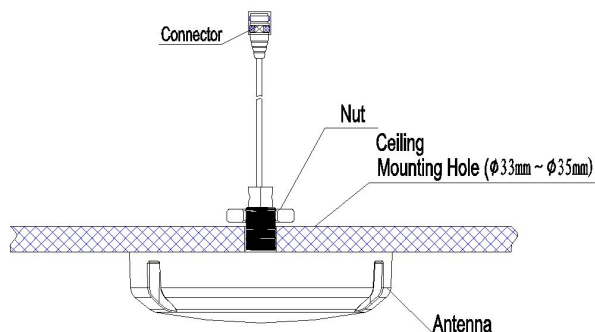
Features

- 698~960/1710~2700/3300-4000MHz Band
- Broad Band ;Low VSWR

| Electrical specifications | TQJ-0740XDZ-M | | |
|--|---------------|-----------|-----------|
| Frequency range (MHz) | 698~960 | 1710~2700 | 3300~4000 |
| Polarization | Vertical | | |
| Gain (dBi) | 4±1 | 5±1 | 5±1 |
| Half-power beam width (°) | H: 360 | | |
| | V: 90 | V: 60 | V: 40 |
| VSWR | ≤1.8 | | |
| Impedance (Ω) | 50 | | |
| Intermodulation IM3 (2×43dBm carrier) | ≤-150dBc | | |
| Maximum power (W) | 50 | | |
| Lighting protection | DC Ground | | |

| Mechanical specifications | |
|----------------------------|---------------------------|
| Connector | N Female or 4.3-10 Female |
| Height/width/depth (mm) | Φ207 x 56 |
| Weight (kg) | 0.5 |
| Radome material | ABS |
| Radome color | White |
| Mounting | Fixed with nut |
| Operating temperature (°C) | -40~60 |
| Application | Indoor |

Installation Sketch



1. Drill a Φ33 - Φ35 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.