

Ceiling Mount Omni Antenna 698-3800 MHz 3-5dBi

Operating Frequency Range

- 698-960 MHz, 1710-2700 MHz, 3300-3800 MHz

Features and Benefits:

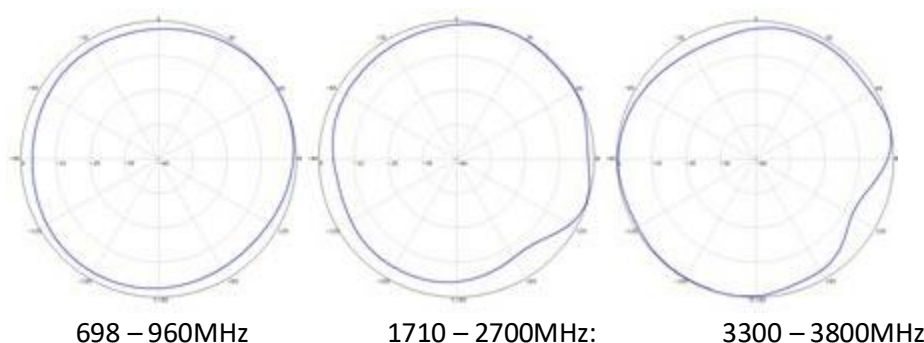
- Indoor Ceiling-Mount Omnidirectional Antenna
- Application: 2G / 3G / 4G / 5G
- Ultra Low Profile, lightweight and easy to install
- Pigtail with 4.3-10 female or N-female
- Mounts directly and easily to ceiling tile

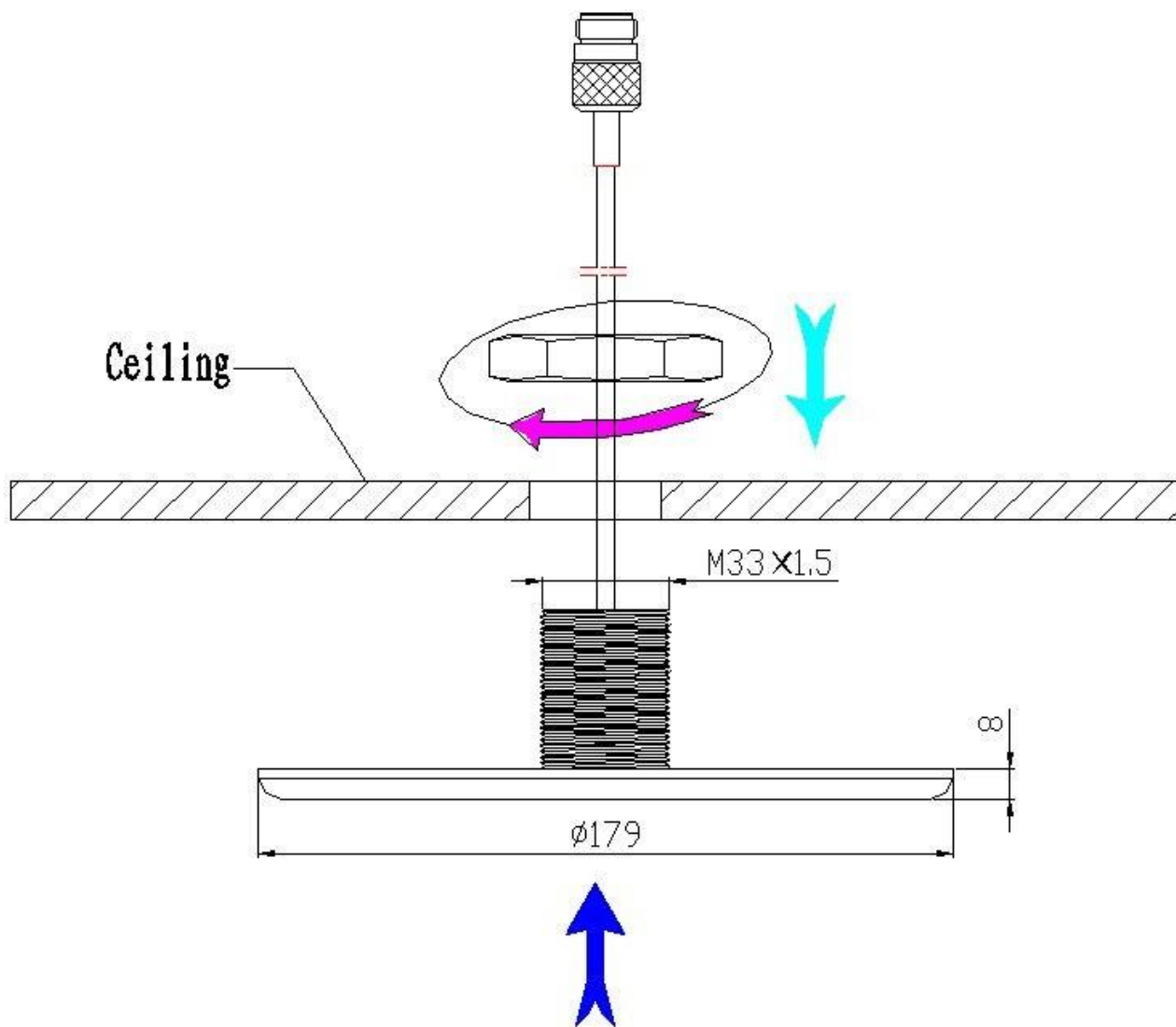


Technical & Mechanical Specifications

Electrical Specifications			
Frequency Range, MHz	698-960	1710-2700	3300-3800
Nominal Gain, dBi	3.0	4.0	5.0
VSWR	≤1.5	≤1.5	≤1.5
Polarization	Linear, Horizontal		
PIM, 3rd Order, 2x20W	≤-150 dBc		
Horizontal Beam width	360°		
Input Impedance	50 Ω		
Max. Input Power	50 W		
Lightning Protection	DC Ground		
Mechanical Specifications			
Connector	4.3-10 Female or N Female		
Dimensions (mm)	Ø179x8		
Weight, without Mounting Kit	Approx. 0.22 kg		
Packing size (mm)	195×195×75		
Radome Material	ABS (UV Stabilized)		
Radome color	White (RAL 9003)		
Operating humidity	5-95 %		
Operating Temperature	-40°C to +60 °C		
Ordering Options			
AO-6938V24S02-43	Antenna with 12" Coaxial Plenum Rated Pigtail with 4.3-10 Female Connector		
AO-6938V24S02-N	Antenna with 12" Coaxial Plenum Rated Pigtail with N-Type Female Connector		

Radiation Diagram





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.

