

Ceiling Mount Omni MIMO Antenna 617-6000 MHz 5dBi**Operating Frequency Range**

- 617-960 MHz, 1710-2700 MHz, 3300-3800 MHz, 4900-6000 MHz

Features and Benefits:

- 2-Port Omnidirectional MIMO Antenna for indoor DAS and high capacity venues Typically used in indoor distribution of 2G/3G/4G/5G/WLAN system
- PIM optimized antenna design (-150dBc @2x20W)
- Low return loss, stable performance
- Ultra Low Profile, lightweight and easy to install
- Pigtail with 4.3-10 female
- Mounts directly and easily to ceiling tile

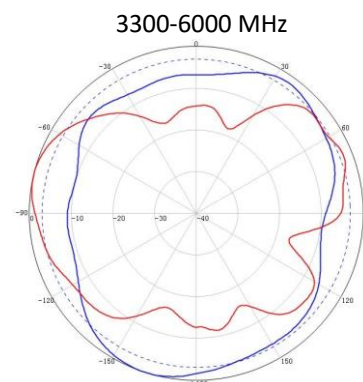
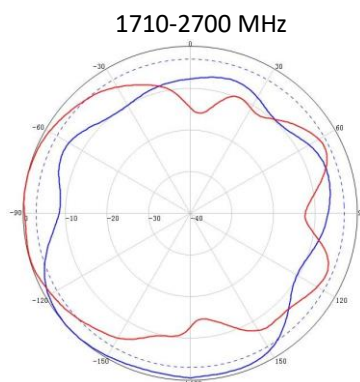
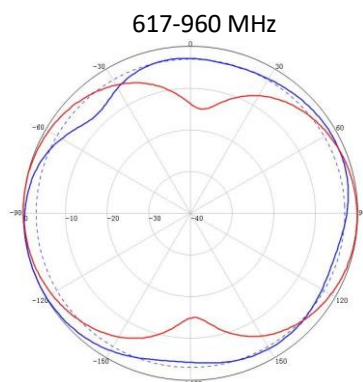
**Technical & Mechanical Specifications****Electrical specifications**

Frequency range (MHz)	617-960	1710-2700	3300-3800	4900-6000
Polarization	2*Linear			
Nominal Gain, dBi	4	5	6	6
Horizontal beam width	360°			
Vertical beam width (°)（Typical values）	80	50	40	50
Isolation (dB)	≥16	≥20	≥25	≥20
Impedance (Ω)	50			
VSWR	≤2.0	≤1.8		
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			
Maximum power (W)	50			
Lighting protection	DC Ground			

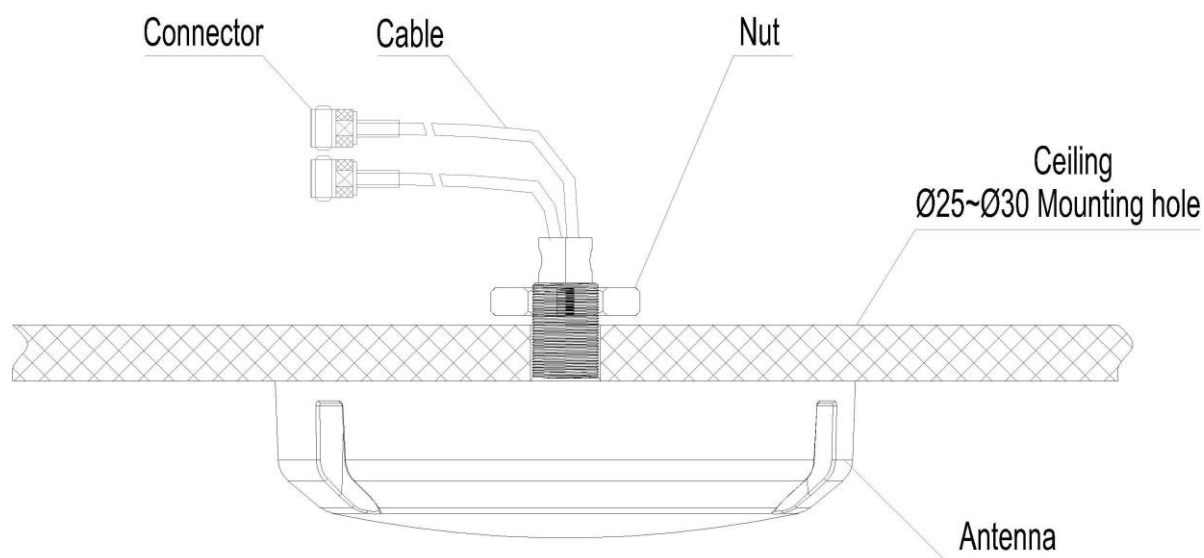
Mechanical specifications

Connector	2*4.3-10 Female or customer requirement
Connector position	Bottom
Exposed cable size (cm)	30 (or customer requirement)
Height/width/depth (mm)	ø207*56
Packing size (mm)	213*168*204
Weight (kg)	0.6
Radome material	ABS
Radome color	White
Operating temperature	-40°C to +60 °C
Application	Indoor
Mounting	Nut

Typical pattern



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.

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

