

### Indoor DAS Ceiling Omni Antenna, 5 dBi, 617-6000 MHz

#### Operating Frequency Range

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

#### Features and Benefits:

- Application: 2G / 3G / 4G / 5G/ WLAN system
- 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
Nominal Gain, dBi	3.5	4	5	5
VSWR	≤2.0	≤1.8	≤1.8	≤1.8
Polarization	Vertical			
Horizontal Beam width	360° (omnidirectional)			
Vertical beam width (°) (Typical values)	90	65	50	40
Input Impedance	50 Ω			
PIM, 3rd Order, 2×43dBm carrier	≤-150 dBc	≤-150 dBc	≤-150 dBc	≤-150 dBc
Max. Input Power	50 W			

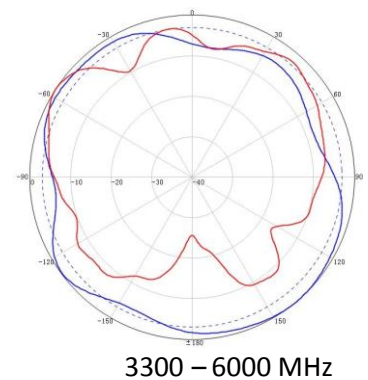
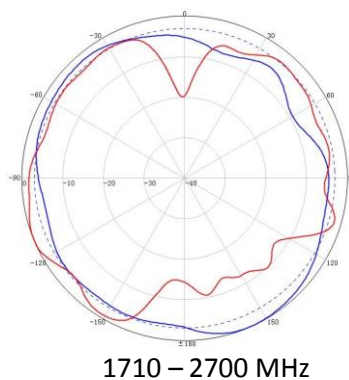
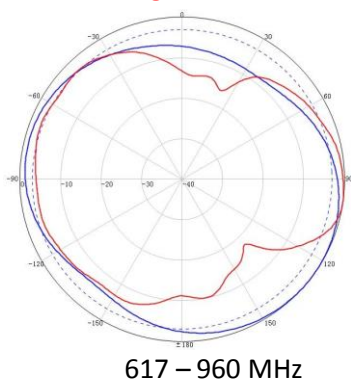
##### Mechanical specifications

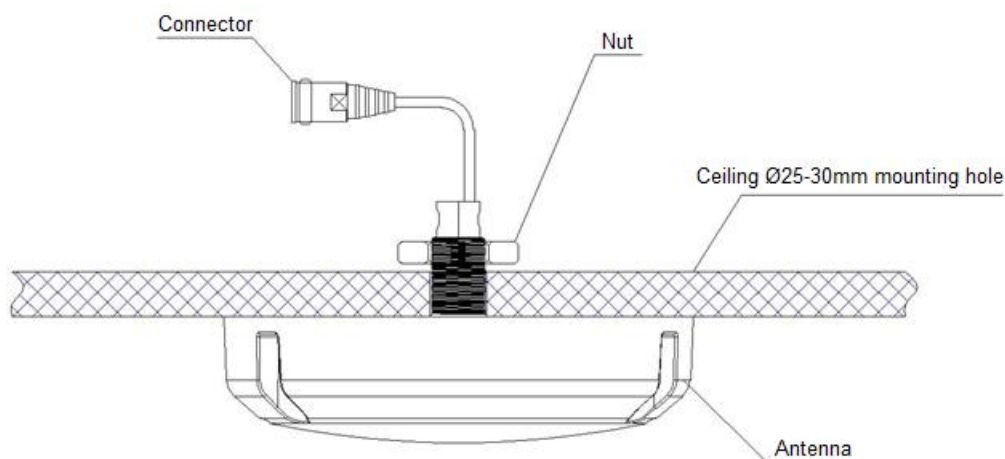
Connector	4.3-10 Female
Exposed cable size	30 cm
Antenna size (mm)	∅ 250*8
Packing size (mm)	213*168*204
Weight	0.6 kg
Radome material	ABS
Radome color	White (RAL 9003)
Operating humidity	5-95 %
Operating temperature	-40°C to +60 °C
Application	Indoor
Mounting	Fixed with nut

##### Ordering Options

AO-6060LH47S03	Antenna with 12" Coaxial Plenum Rated Pigtail with 4.3-10 Female Connector
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#### Radiation Diagram



**Product size****Installation Sketch**

1. Drill a  $\text{Ø} 25 - \text{Ø}30$  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 resu