

617 - 6000 MHz DAS Ultra-Wideband Ultra-Slim Omni Antenna, SISO, 4-7dBi

Operating Frequency Range

- 617-960 MHz, 1710-2700 MHz, 3300-4200 MHz, 4800-6000

Features and Benefits:

- Application: 2G / 3G / 4G / 5G/ WLAN system
- 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)	617-698	698-960	1710-2700	3300-4200	4800-6000
Nominal Gain, dBi	4	4	5	6	7
VSWR	≤2.0	≤2.0	≤1.5	≤1.5	≤1.5
Polarization	Linear, Horizontal				
Horizontal Beam width	360° (omnidirectional)				
Vertical beam width (°) (Typical values)	70	68	50	60	30
Input Impedance	50 Ω				
PIM, 3rd Order, 2×43dBm carrier	/	≤-153 dBc	≤-153 dBc	/	/
Max. Input Power	50 W				

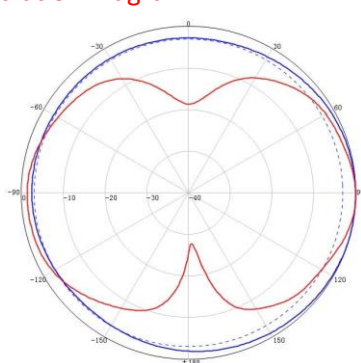
Mechanical specifications

Connector	4.3-10 Female or N Female
Exposed cable size	30 cm
Antenna size (mm)	∅ 250*8
Packing size (mm)	265*265*90
Weight	0.4 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

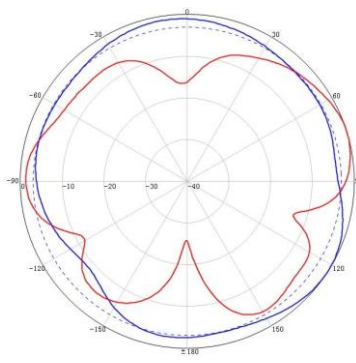
Ordering Options

AO-6060LH47S03-43	Antenna with 12" Coaxial Plenum Rated Pigtail with 4.3-10 Female Connector
AO-6060LH47S03-N	Antenna with 12" Coaxial Plenum Rated Pigtail with N-Type Female Connector

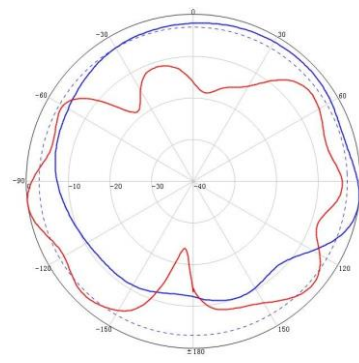
Radiation Diagram



617 – 960 MHz

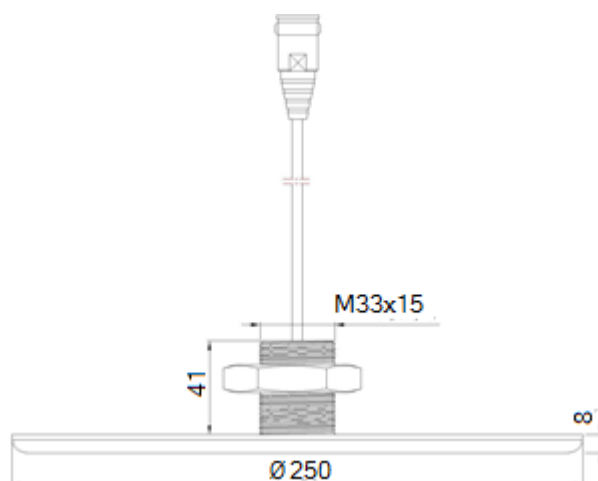


1710 – 2700 MHz

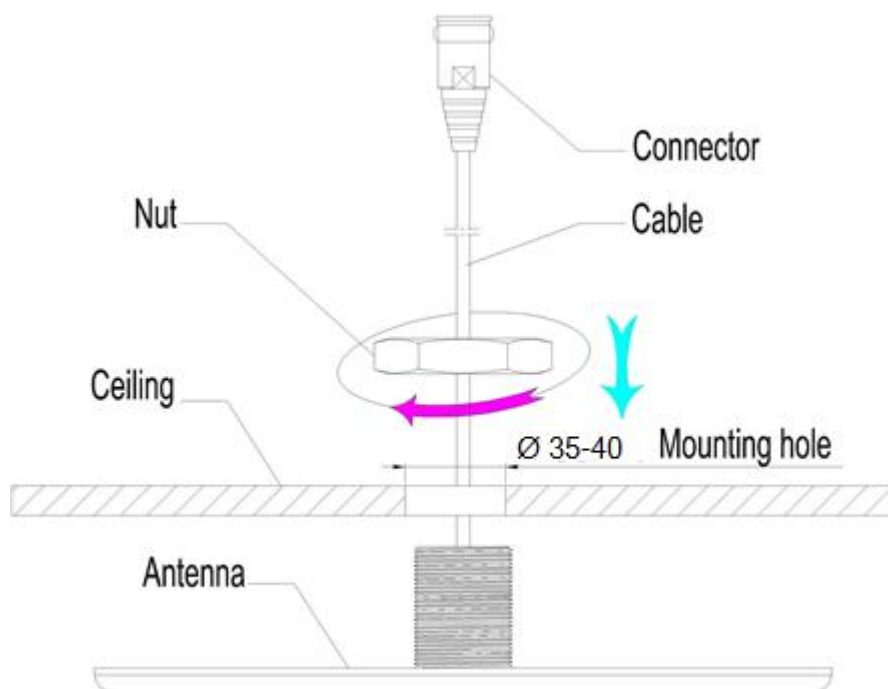


3300 – 6000 MHz

Product size



Installation Sketch



1. Drill a $\varnothing 35 - \varnothing 40$ 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 resu