LAFALINK®

LF-ANT2414D

2400-2483MHz Directional

Panel Antenna

Features

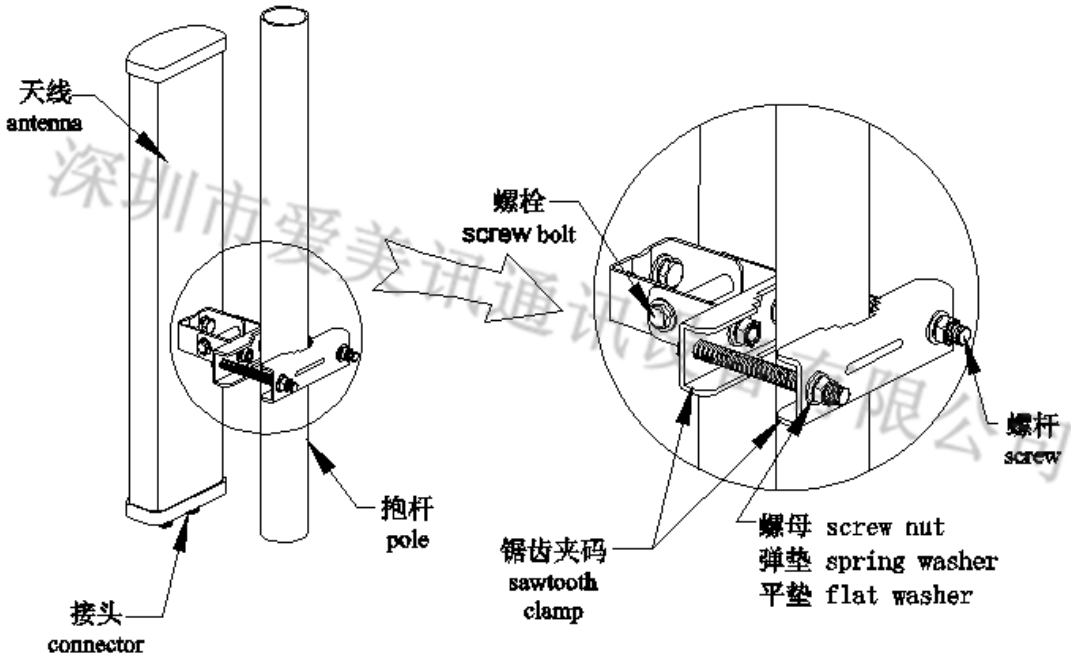
- Exquisite appearance
- Good impact resistance，waterproofing and anticorrosion ability
- Full day working
- Optimized dimension
- High gain，low standing wave，strong anti-interference ability
- 2.4GHz WLAN system
- WiFi system , Point-to-multipoint system

Specifications

Electrical Specifications	
Frequency range MHz	2400～2483
Bandwidth MHz	83
Gain dBi	14
Half-power beam width	H：120　V：14
VSWR	≤1.5
Input Impedance (Ω)	50
Polarization	Vertical
Maximum input power (W)	200
Lightning protection	DC Ground
Input connector type	N Female or Requested
Mechanical Specifications	
Dimensions(mm)	500*114*54
Antenna weight(kg)	4
Operating temperature(° c)	-40～60
Rated Wind Velocity(m/s)	60
Radome color	Gray
Radome material	UPVC
Mounting hardware(mm)	¢35-¢50

Antenna Installation Instructions

Install as the picture below



Installation Steps

Please following the steps below: place the antenna on the pole, and adjust the inclination of the antenna, then fasten the screw to the screw nut. The final structure is just like the pictures above.

1. Unscrew and take the screw nuts, the spring washer and flat washer of the saw tooth clamps on the upper and lower sides of the antenna down, then remove the outer saw tooth clamp. Put the end of the antenna with connectors downwards. Then attach the saw tooth clamps to the pole whose outer diameter is ¢35~¢75mm ,and place the M8 screws through the saw tooth clamps. Lastly, put on the flat washer and spring washer and screw the nuts tightly afterwards.
2. Take down the connector cover of the antenna, connect the antenna connectors and make sure that you have sealed the connections well.
3. Loosen the bolts that connect the two struts and adjust the inclination of the antenna to the proper position to receive the best signal. At last screw all the nuts tightly.