



Directional Flat Panel Antenna



- Model: FTD-5158PB18VH18DL
- Name: Directional Flat Panel Antenna
- Freq.Range: 5150 to 5850 MHz
- Communications system:
5.1 to 5.8GHz WLAN/WIFI/ISM/UNII,
5.1 to 5.8GHz Spread Spectrum Communication
- Application scenario: Bridging antenna,
Point to point, Point to multipoint,
Wireless data and image transmission,
Wireless bridging, IEEE802.11a/n

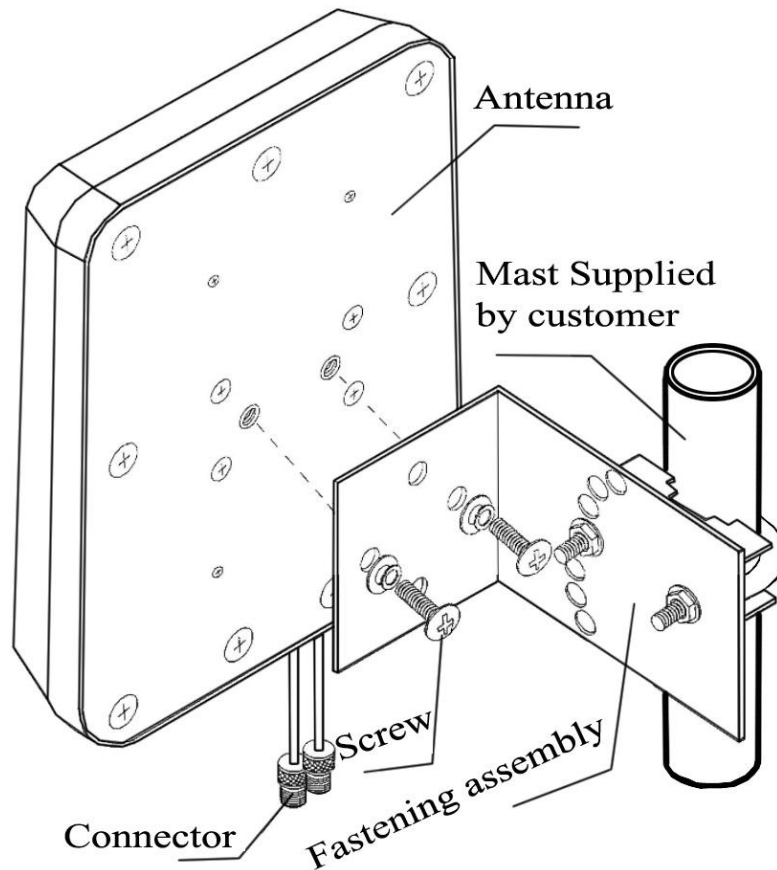
Tip: Pictures are for reference only.
Please refer to physical objects.

Electrical Specifications	
Freq.Range-MHz	5150 to 5850
Bandwidth-MHz	700
Polarization	Vertical and Horizontal
Gain-dBi	18
Beam Electrical Downtilt-°	0
Half-power beam width-°	H:18 E:18
Cross-pol-isolation-dB	≥ 25
F/B-dB	≥ 25
Impedance-Ω	50
VSWR	≤ 2.0
Max.Power-W	50
Lightning Protection	DC Grounded

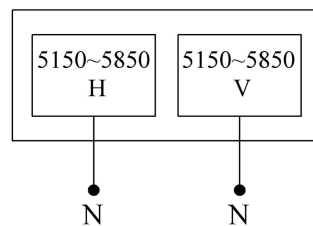
Mechanical Specifications	
Connector	2×N female or Customized
Connector Position	Cable outgoing
Cable Length-CM	15CM or Customized
Dimension-MM	About 190×190×40
Weight-KG	About 1
Radome material	ABS
Radome color	White
Mechanical tilt-°	0 to 30
Operational Temperature-°C	-40 to 60
Storage Temperature-°C	-55 to 85
Relative Humidity-%	5 to 95
Rated Wind Velocity-M/S	60
Mounting way	Mast
Mast Diameter-MM	Φ35 to 50



Installation Demonstrations



Communication channel



Typical pattern

