



Directional MIMO Sector Antenna



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

- Model: FTD-5158MSH17VH90-3
- Name: Directional MIMO Sector Antenna
- Freq.Range: 5150 to 5850 MHz
- Communications system:
5.1 to 5.8GHz WLAN/WIFI/ISM/UNII/MIMO,
5.1 to 5.8GHz Spread Spectrum Communication
- Application scenario:
Point to multipoint, Base station antenna,
Outdoor signal directional coverage,
Wireless data and image transmission,
Public wireless hotspot coverage,
IEEE802.11a/n

Electrical Specifications

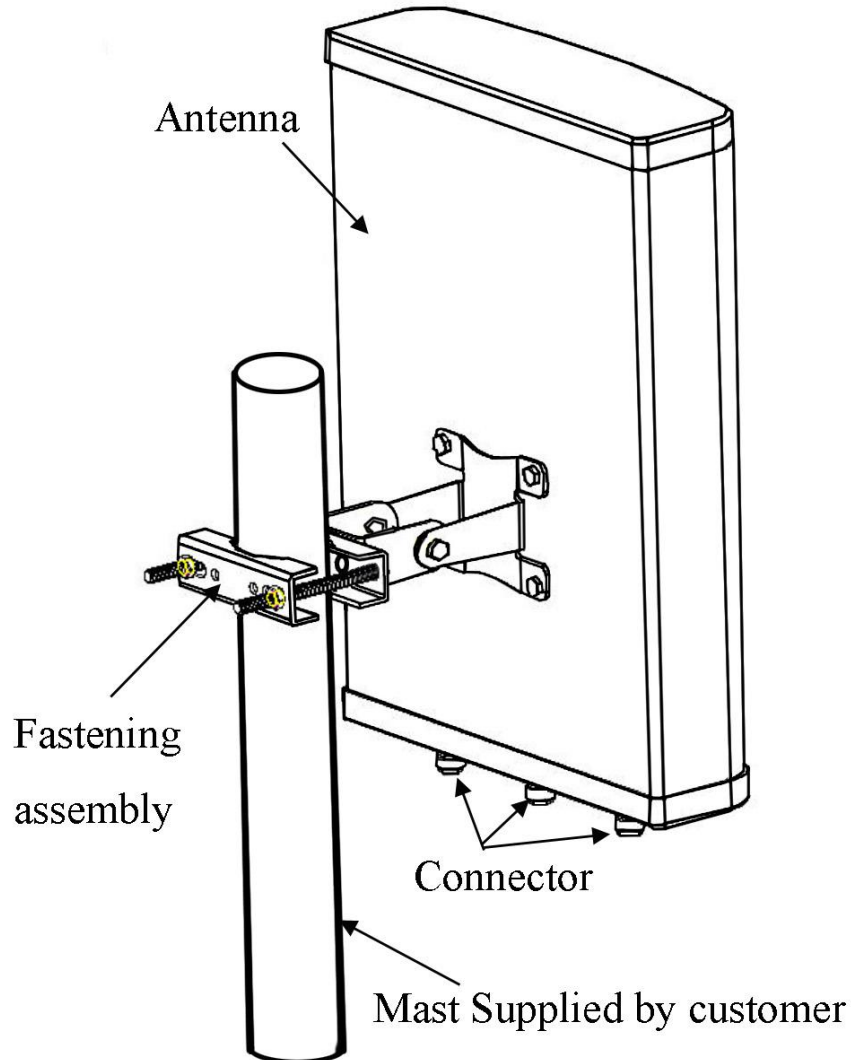
Freq.Range-MHz	5150 to 5850	
Bandwidth-MHz	700	
Polarization	2×Vertical and 1×Horizontal	
Gain-dBi	17	
Beam Electrical Downtilt-°	0	
Half-power beam width-°	H:90	E:8
Cross-pol-isolation-dB	≥25	
F/B-dB	≥ 20	
Impedance-Ω	50	
VSWR	≤ 2.0	
Max.Power-W	50	
Lightning Protection	DC Grounded	

Mechanical Specifications

Connector	3×N female	
Connector Position	Bottom	
Dimension-MM	About 450×280×85	
Weight-KG	About 2.5	
Radome material	UPVC	
Radome color	Gray	
Mechanical tilt-°	0 to 15	
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 75	



Installation Demonstrations



Typical pattern

