



## Directional Sector Antenna



- Model: FTD-58SH18V60A
- Name: Directional Sector Antenna
- Freq.Range: 5725 to 5850 MHz
- Communications system:  
5.8GHz WALN/WIFI/ISM/UNII,  
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

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

### Electrical Specifications

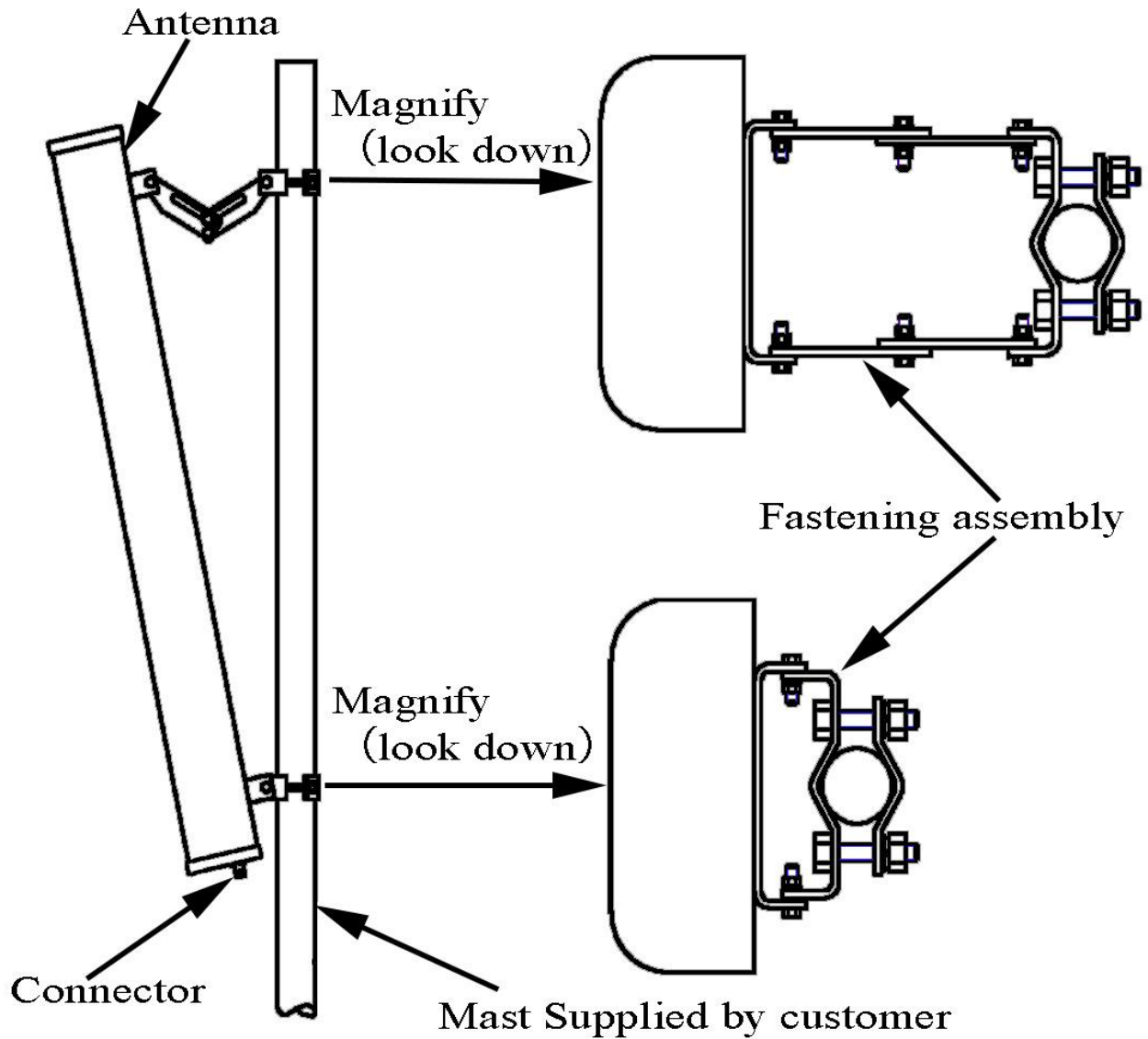
Freq.Range-MHz	5725 to 5850	
Bandwidth-MHz	125	
Polarization	Vertical	
Gain-dBi	18	
Beam Electrical Downtilt-°	0	
Half-power beam width-°	H:60	E:6.5
F/B-dB	≥ 25	
Impedance-Ω	50	
VSWR	≤ 1.5	
Max.Power-W	50	
Lightning Protection	DC Grounded	

### Mechanical Specifications

Connector	N female	
Connector Position	Bottom	
Dimension-MM	About 500×128×56	
Weight-KG	About 1.6	
Radome material	UPVC	
Radome color	Gray	
Mechanical tilt-°	0 to 12	
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 & Communication channel

