



## Directional Sector Antenna



- Model: FTD-0825SH1517VP65A
- Name: Directional Sector Antenna
- Freq.Range: 820 to 960 / 1710 to 2200 / 2200 to 2500 MHz
- Communications system: WIFI/WLAN/ISM, GSM/CDMA/EGSM/DCS1800/MMDS, TD-SCDMA/WCDMA/TDD&FDD-LTE, Wireless trunking communication system, Wireless cellular Communication System
- Application scenario: Point to multipoint, Repeater antenna, Base station antenna, Outdoor signal directional coverage

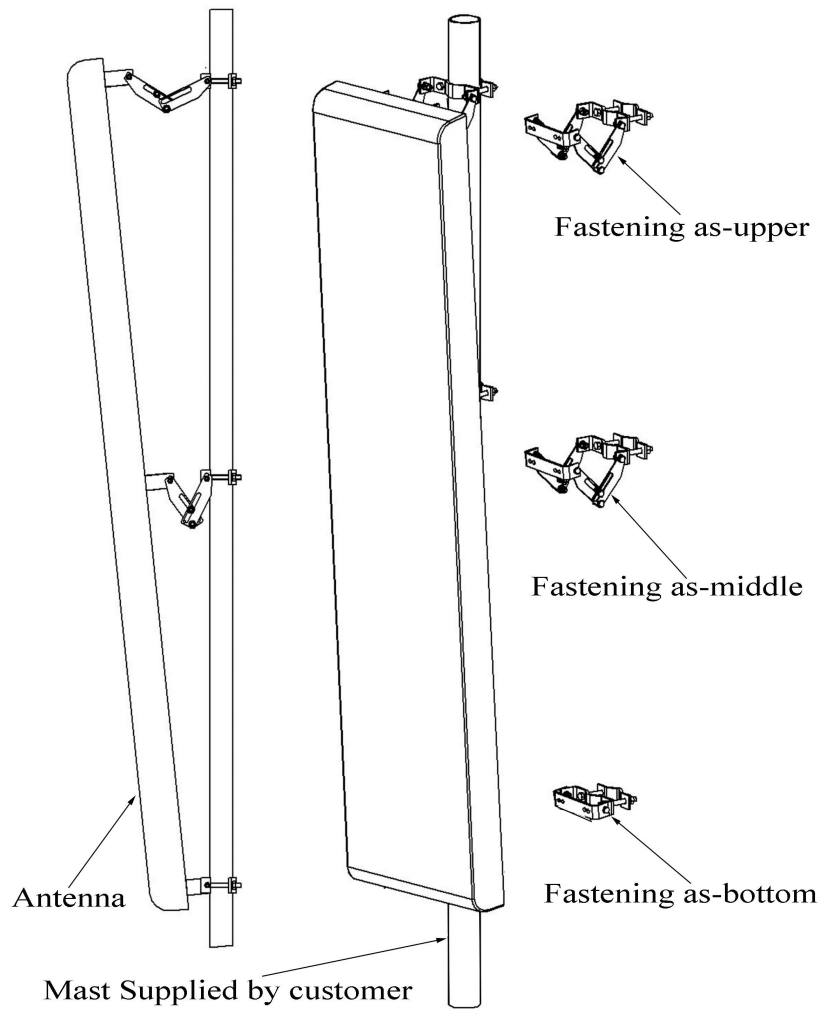
Tip: Pictures are for reference only.  
Please refer to physical objects.

Electrical Specifications			
Freq.Range-MHz	820 to 960	1710 to 2200	2200 to 2500
Bandwidth-MHz	140	490	300
Polarization	Vertical		
Gain-dBi	15.5	16	16.5
Beam Electrical Downtilt-°	0		
Half-power beam width-°	H:65 E:11.5	H:65 E:8	H:65 E:7
First upper sidelobe suppression	N/A		
Third-order passive intermodulation-dBc	≤-150dBc (2×43dBm)		
F/B-dB	≥ 25		
Impedance-Ω	50		
VSWR	≤ 1.5		
Max.Power-W	200		
Lightning Protection	DC Grounded		

Mechanical Specifications	
Connector	N female
Connector Position	Bottom
Dimension-MM	About 2530×280×85
Weight-KG	About 15.6
Radome material	UPVC
Radome color	Gray
Mechanical tilt-°	0 to 8
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	About Φ50 to 85

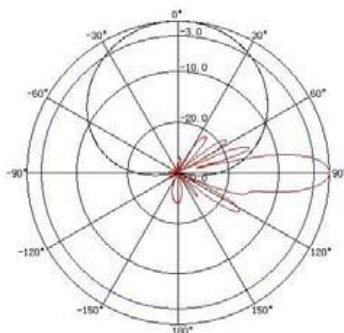


# Installation Demonstrations

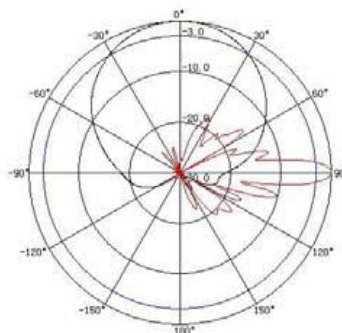


## Typical pattern

820 to 960MHz



1710 to 2200MHz



2200 to 2500MHz

