



Directional Sector Antenna



- Model: FTD-1011SH11V90
- Name: Directional Sector Antenna
- Freq.Range: 1000 to 1100 MHz
- Communications system: ACARS,
Aircraft Communications Addressing
and Reporting System
- Application scenario: ADS-B antenna,
Outdoor signal directional coverage,
Wireless data and image transmission

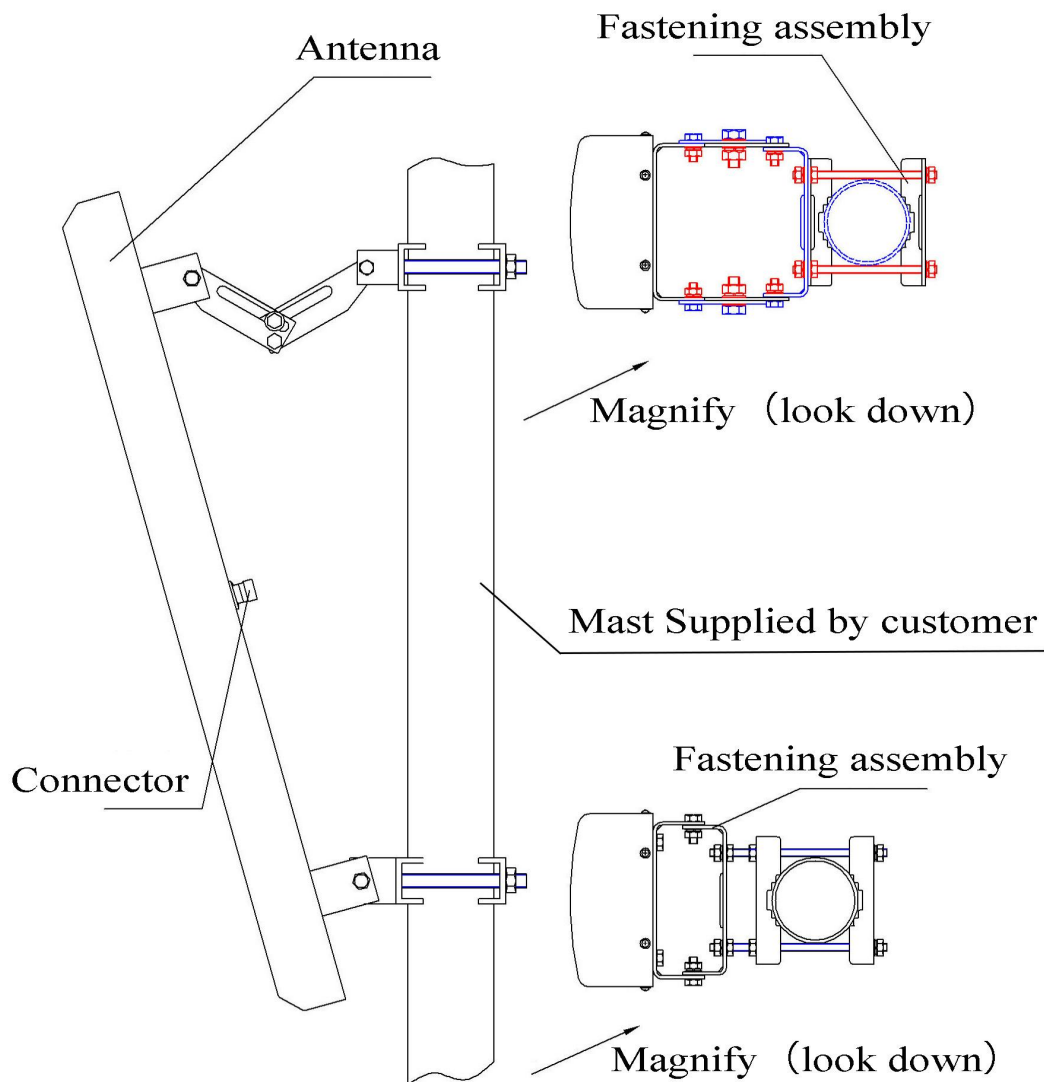
Tip: Pictures are for reference only.
Please refer to physical objects.

Electrical Specifications	
Freq.Range-MHz	1000 to 1100
Bandwidth-MHz	20
Polarization	Vertical
Gain-dBi	11
Beam Electrical Downtilt-°	0
Half-power beam width-°	H:90 E:30
F/B-dB	≥ 20
Impedance-Ω	50
VSWR	≤ 1.5
Max.Power-W	100
Lightning Protection	DC Grounded

Mechanical Specifications	
Connector	N female
Connector Position	Back
Dimension-MM	About 600×150×90
Weight-KG	About 6
Radome material	Fiberglass
Radome color	Blue
Mechanical tilt-°	0 to 15
Operational Temperature-°C	-55 to 75
Storage Temperature-°C	-55 to 85
Relative Humidity-%	5 to 95
Rated Wind Velocity-M/S	60
Mounting way	Mast
Mast Diameter-MM	Φ50 to 75



Installation Demonstrations



Typical pattern

