



Directional Flat Panel Antenna



- Model: FTD-1011PB05V120
- Name: Directional Flat Panel Antenna
- Freq.Range: 1000 to 1100 MHz
- Communications system: ACARS,
Aircraft Communications Addressing
and Reporting System
- Application scenario: Point to point,
Point to multipoint, ADS-B antenna,
Wireless data and image transmission,
Outdoor signal directional coverage

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

Electrical Specifications	
Freq.Range-MHz	1000 to 1100
Bandwidth-MHz	10
Polarization	Vertical
Gain-dBi	5
Beam Electrical Downtilt-°	0
Half-power beam width-°	H:120 E:60
F/B-dB	≥ 15
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 223×194×46
Weight-KG	About 1.1
Radome material	ABS
Radome color	White
Mechanical tilt-°	-20 to 20
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

