



Directional Flat Panel Antenna



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

- Model: FTD-5158PB14DP33A
- Name: Directional Flat Panel Antenna
- Freq.Range: 5150 to 5850 MHz
- Communications system:
5.1 to 5.8GHz WLAN/WIFI/ISM/UNII,
5.1 to 5.8GHz Spread Spectrum Communication
- Application scenario: Bridging antenna,
Point to point, Point to multipoint,
Wireless data and image transmission,
Outdoor signal directional coverage,
Public wireless hotspot coverage,
Wireless bridging, IEEE802.11a/n

Electrical Specifications

Freq.Range-MHz	5150 to 5850
Bandwidth-MHz	700
Polarization	$\pm 45^\circ$
Gain-dBi	13.5
Beam Electrical Downtilt- $^\circ$	0
Half-power beam width- $^\circ$	H:33 E:32
Cross-pol-isolation-dB	≥ 28
F/B-dB	≥ 25
Impedance- Ω	50
VSWR	≤ 1.8
Max.Power-W	50
Lightning Protection	DC Grounded

Mechanical Specifications

Connector	2×N female or Customized
Connector Position	Back
Dimension-MM	About 172×92×18
Weight-KG	About 0.5
Radome material	ABS
Radome color	White
Mechanical tilt- $^\circ$	0 to 30
Operational Temperature- $^\circ\text{C}$	-40 to 60
Storage Temperature- $^\circ\text{C}$	-55 to 85
Relative Humidity-%	5 to 95
Rated Wind Velocity-M/S	60
Mounting way	Mast
Mast Diameter-MM	$\Phi 35$ to 50



Installation Demonstrations

