



# Directional Flat Panel Antenna



- Model: FTD-1415PB14DP30A
- Name: Directional Flat Panel Antenna
- Freq.Range: 1400 to 1500 MHz
- Communications system:
  - Microwave communication system,
  - Broadband digital trunking private network
- Application scenario:
  - Point to point, Point to multipoint,
  - 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	1400 to 1500
Bandwidth-MHz	100
Polarization	$\pm 45^\circ$
Gain-dBi	14
Beam Electrical Downtilt- $^\circ$	0
Half-power beam width- $^\circ$	H:30      E:30
Cross-pol-isolation-dB	$\geq 25$
F/B-dB	$\geq 25$
Impedance- $\Omega$	50
VSWR	$\leq 1.5$
Max.Power-W	50
Lightning Protection	DC Grounded

Mechanical Specifications	
Connector	2×N female
Connector Position	Back
Dimension-MM	About 380×380×33
Weight-KG	About 1.8
Radome material	ABS
Radome color	White
Mechanical tilt- $^\circ$	0 to 60
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	$\Phi 50$ to 75



## Installation Demonstrations

