



# Directional MIMO Flat Panel Antenna



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

- Model: FTD-5161MPB19VDP20-3
- Name: Directional MIMO Flat Panel Antenna
- Freq.Range: 5125 to 6100 MHz
- Communications system: 5G,  
5.8GHz WLAN/WIFI/ISM/MIMO,  
5.8GHz Spread Spectrum Communication
- Application scenario: Base station antenna,  
Point to point, Point to multipoint,  
Outdoor signal directional coverage,  
Wireless data and image transmission,  
Public wireless hotspot coverage,  
Wireless bridging, IEEE802.11n

## Electrical Specifications

Freq.Range-MHz	5125 to 6100			
Bandwidth-MHz	975			
Polarization	1×Vertical and ±45°			
Gain-dBi	14		19	
Beam Electrical Downtilt-°	0			
Half-power beam width-°	H:20	E:19	H:22	E:14
Cross-pol-isolation-dB	≥25			
F/B-dB	≥ 25			
Impedance-Ω	50			
VSWR	≤ 2.0			
Max.Power-W	50			
Lightning Protection	DC Grounded			

## Mechanical Specifications

Connector	3×N female			
Connector Position	Back			
Dimension-MM	About 380×380×33			
Weight-KG	About 2			
Radome material	ABS			
Radome color	White			
Mechanical tilt-°	0 to 60			
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 75			



## **Installation Demonstrations**

