



# Directional MIMO Flat Panel Antenna



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

- Model: FTD-5158MPB14VH30C-4
- Name: Directional MIMO Flat Panel Antenna
- Freq.Range: 5150 to 5850 MHz
- Communications system:  
5.1 to 5.8GHz WLAN/WIFI/ISM/UNII/MIMO,  
5.1 to 5.8GHz Spread Spectrum Communication
- Application scenario:  
Point to Point, Point to multipoint,  
Wireless data and image transmission,  
Outdoor signal directional coverage,  
Public wireless hotspot coverage,  
IEEE802.11a/n

| Electrical Specifications |                             |
|---------------------------|-----------------------------|
| Freq.Range-MHz            | 5150 to 5850                |
| Bandwidth-MHz             | 700                         |
| Polarization              | 2×Vertical and 2×Horizontal |
| Gain-dBi                  | 14                          |
| Half-power beam width-°   | H:30 E:26                   |
| 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                  | 4×N female       |
| Connector Position         | Back             |
| Dimension-MM               | About 190×190×40 |
| Weight-KG                  | About 1          |
| Radome material            | ABS              |
| Radome color               | White            |
| Mechanical tilt-°          | 0 to 30          |
| 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

