



Directional MIMO Sector Antenna



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

- Model: FTD-2458MSH1212VH65A-6
- Name: Directional MIMO Sector Antenna
- Freq.Range: 2400 to 2500 / 5150 to 5850 MHz
- Communications system:
2.4/5.8GHz WLAN/WIFI/ISM/WIMAX,
Spread Spectrum Communication
- Application scenario:
Point to multipoint, Base station antenna,
Outdoor signal directional coverage,
Wireless data and image transmission,
Public wireless hotspot coverage,
IEEE802.11a/b/g/n

Electrical Specifications

| | | |
|----------------------------|---------------------------|---------------------------|
| Freq.Range-MHz | 2400 to 2500 | 5150 to 5850 |
| Bandwidth-MHz | 100 | 700 |
| Polarization | 2×Vertical and Horizontal | 2×Vertical and Horizontal |
| Gain-dBi | 12 | 12 |
| Beam Electrical Downtilt-° | 0 | 0 |
| Half-power beam width-° | H:65 E:30 | H:65 E:30 |
| Cross-pol-isolation-dB | ≥23 | |
| F/B-dB | ≥ 20 | |
| Impedance-Ω | 50 | |
| VSWR | ≤ 1.5 | ≤ 2.0 |
| Max.Power-W | 50 | |
| Lightning Protection | DC Grounded | |

Mechanical Specifications

| | |
|----------------------------|------------------|
| Connector | 6×N female |
| Connector Position | Bottom |
| Dimension-MM | About 400×280×85 |
| Weight-KG | About 2.5 |
| Radome material | PVC |
| Radome color | Gray |
| Mechanical tilt-° | 0 to 15 |
| 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

