



## Directional Log Periodic Antenna



- Model: FTD-0825DS0810V90
- Name: Directional Log Periodic Antenna
- Freq.Range: 806 to 960 / 1710 to 2500 MHz
- Communications system: WLAN/WIFI, GSM/CDMA/EGSM/DCS1800/MMDS, TD-SCDMA/WCDMA/TDD&FDD-LTE, Wireless access communication system, Wireless trunking communication system
- Application scenario: Point to point, Point to multipoint, Repeater antenna, Long-distance communication, Wireless data and image transmission

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

| Electrical Specifications |             |              |
|---------------------------|-------------|--------------|
| Freq.Range-MHz            | 896 to 960  | 1710 to 2500 |
| Bandwidth-MHz             | 154         | 790          |
| Polarization              | Vertical    |              |
| Gain-dBi                  | 8.2         | 9.5          |
| Horizontal Beamwidth-°    | 90          | 70           |
| Vertical Beamwidth-°      | 60          | 55           |
| F/B-dB                    | ≥ 15        |              |
| Impedance-Ω               | 50          |              |
| VSWR                      | ≤ 1.5       |              |
| Max.Power-W               | 100         |              |
| Lightning Protection      | DC Grounded |              |

| Mechanical Specifications  |                        |
|----------------------------|------------------------|
| Connector                  | N female or customized |
| Connector Position         | Cable outgoing         |
| Cable Length-CM            | 40CM or customized     |
| Dimension-MM               | About 293×210×65       |
| Weight-KG                  | About 0.83             |
| Radome material            | ABS                    |
| Radome color               | White                  |
| Mechanical tilt-°          | 0 to 20                |
| 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           | About Φ40 to 50        |



## Installation Demonstrations

