TDJ-3500SP10

Parabolic Antenna

Technical Sheet

Applications

- 3.5GHz WiMax
- Long-distance Transmission
- Wireless Bridges

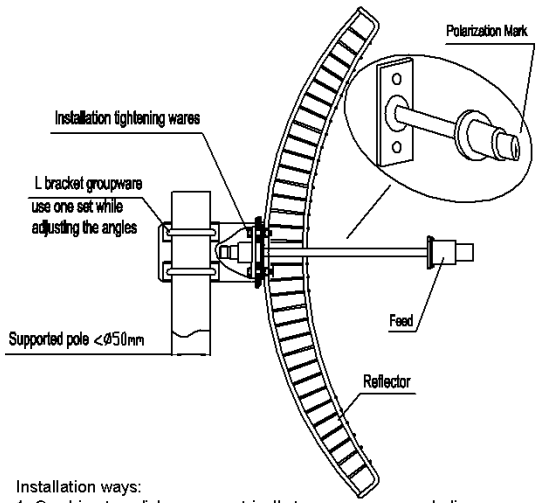
Features

- High Gain, Low VSWR, High F/B Ratio
- Easy to Assemble
- All Weather Operation
- Light Weight, Wind Resistance

Specifications

Model	TDJ-3500SP10
Freq.Range-MHz	3400～3600
Bandwidth-MHz	200
Gain-dBi	27
VSWR	≤1.5
Ver.Beamwidth-°	9.5
Hor.Beamwidth-°	6.5
F/B Ratio-dB	≥30
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max.Power-W	100
Lightning Protection	DC Grounded
Connector	N Female
Dimensions-m	0.6×0.9
Weight-Kg	2.5
Pole Diameter-mm	φ40～50

Installation Sketch



Installation ways:

1. Combine two dishes symmetrically to compose a parabolic groupware.
2. Install the feed to the dish as per the sketch, ensure that the direction of the "polarization arrow" on the feed is the same with the direction of the grid. When the direction of the arrow and the grid are both vertical with the ground, the antenna is in vertical polariztation state. When the direction of the arrow and the grid are both horizontal with the ground, the antenna is in horizontal polariztation state.
3. Install the L bracket to the dish, then place the antenna to the supported pole as per the sketch.
4. Test the receiving signal by instruments, adjust the azimuth angle and the pitching angle to enlarge the receiving signal. Tighten all the nuts and seal the connector for joining the antenna and the feed.

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