

# TDJ-4900SPL6

## 4.9GHz Square Grid Parabolic Antenna

### Technical Sheet



#### Applications

- 4.9GHz wireless access
- Long-distance communication
- Point to point communication
- Wireless bridges

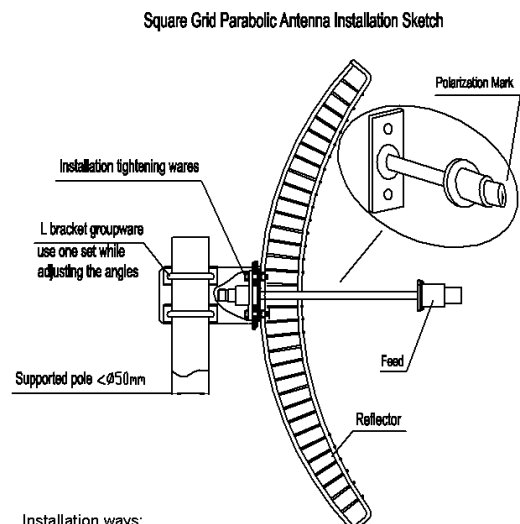
#### Features

- Vertical or horizontal polarization
- High gain, Stable performance
- High quality aluminum, Firm structure
- Easy to mount

#### Specifications

Model	TDJ-4900SPL6
Freq.Range-MHz	4900 to 5000
Bandwidth-MHz	100
Gain-dBi	25.5
Beamwidth-°	E:10 H:6.5
F/B Ratio-dB	≥25
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max.Power-W	100
Connector	N female or customized
Dimensions-m	0.4x0.6
Weight-Kg	2.4

#### 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 polarization state. When the direction of the arrow and the grid are both horizontal with the ground, the antenna is in horizontal polarization 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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