

# TDJ-5100P6

## Parabolic Antenna

### Technical Sheet



#### Applications

- 5.1GHz UNII band
- 5.1GHz WLAN system
- Long-distance transmission
- Wireless bridges
- Point to point, Point to multipoint system

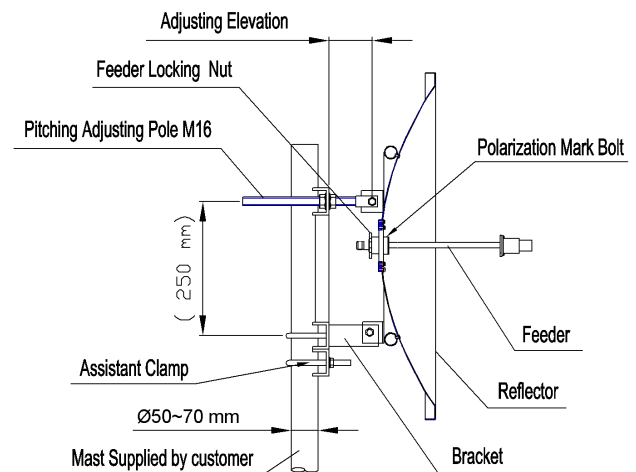
#### Features

- Die cast aluminum alloy reflector
- UV stable coat finish
- Vertical or horizontal polarization
- Supplied with down-tilt & swivel bracket

#### Specifications

Model	TDJ-5100P6
Freq.Range-MHz	5150 to 5350
Bandwidth-MHz	200
Gain-dBi	28
Hor.Beamwidth-°	8
Ver.Beamwidth-°	8
F/B Ratio-dB	≥35
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max.Power-W	100
Connector	N female
Dimension-m	φ0.6
Weight-Kg	5
Mast Diameter-mm	φ50 to 70

#### Installation Sketch



#### Installation:

1. Install the feeder on the reflector according to the sketch map, and make sure the polarization meets the client's requirement. When the polarization mark bolt (black carriage bolt) locks upside or downside, the antenna is vertically polarized. When the bolt locks at the left or right slot, it is horizontally polarized.
2. Install the bracket on the reflector.
3. Fasten the assistant clamp on the mast. Then mount the antenna on the mast according to the sketch map.
4. Use equipment to test the receiving signal. Adjust the antenna azimuth and pitching angle to make the receiving signal maximum. Fasten all the screws and seal the connector which connects the antenna and cable.



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