

TDJ-4900P6

Dish Antenna

Technical Sheet

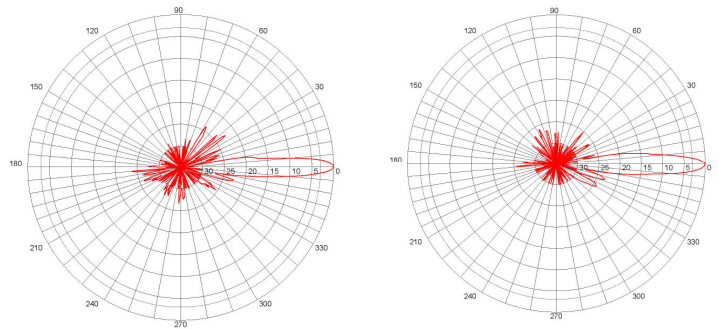


Applications

- 4.9GHz Public Safety Program
- Wireless Bridges
- Client Antenna

Features

- High Gain, Low VSWR, High F/B Ratio
- Small Size, Easy to Assemble
- Aluminum Die Cast Reflector
- Anti-UV Coat Finish
- All weather Operation
- Vertical or Horizontal Polarization
- Heavy duty Down-tilt Mast Mounting Kit



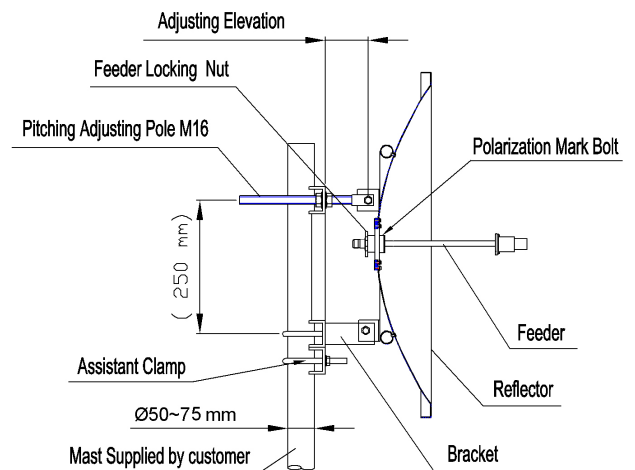
E Plane

H Plane

Specifications

| | |
|------------------|------------------------|
| Model | TDJ-4900P6 |
| Freq.Range-MHz | 4900-5000 |
| Bandwidth-MHz | 100 |
| Gain-dBi | 27 |
| VSWR | ≤1.5 |
| Ver.Beamwidth-° | 8 |
| Hor.Beamwidth-° | 8 |
| F/B Ratio-dB | ≥35 |
| Impedance-Ω | 50 |
| Polarization | Vertical or Horizontal |
| Connector | N Female |
| Max.Power-W | 100 |
| Dimension-m | φ 0.6 |
| Weight-Kg | 5 |
| Pole Diameter-mm | φ 50-75 |

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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