

TDJ-500SPL15

Grid Parabolic Antenna

Technical Sheet



Applications

- 480-590MHz band
- Wireless video transmission system
- Long-distance trunking

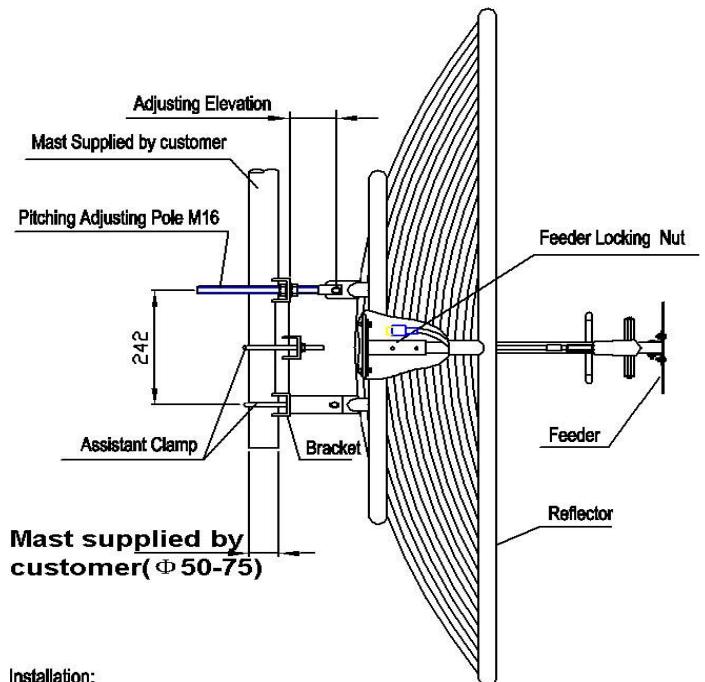
Features

- High gain
- Low VSWR
- High quality welded aluminum alloy grid
- UV stable coat finish, Strong protection
- Strong adaptability of environment
- Low wind loading
- Supplied with mounting kits

Specifications

Model	TDJ-500SPL15
Freq.Range- MHz	480-590
Bandwidth-MHz	30
Gain-dBi	14.5
Beamwidth-°	E:27 H:27
F/B Ratio-dB	≥20
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical
Max.Power-W	200
Connector	N female or customization
Dimension-m	φ 1.5
Weight-Kg	15
Mast Diameter-mm	φ 50 to 75

Installation Sketch



Installation:

1. Mount the feeder horn on the reflector. Make sure the polarization meets your requirement.
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 connect the antenna and cable.

