

# TDJ-2000SPL4

## Square Grid Parabolic Antenna

### Technical Sheet

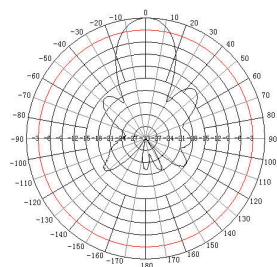


#### Applications

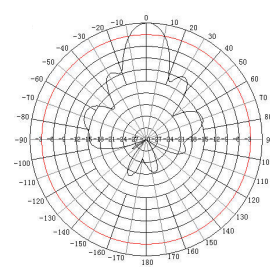
- 3G communications system
- 1920-2170MHz band
- Long-distance transmission

#### Features

- Low VSWR, High F/B ratio
- Small size, Easy to mount
- Die cast aluminum grid
- UV stable coat finish
- Strong adaptability of environment
- Vertical or horizontal polarization
- Supplied with down-tilt bracket



E Plane

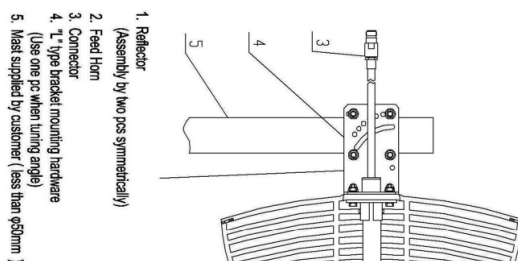


H Plane

#### Specifications

Model	TDJ-2000SPL4
Freq.Range-MHz	1920 to 2170
Bandwidth-MHz	250
Gain-dBi	13.5
VSWR	≤1.5
Ver.Beamwidth-°	26
Hor.Beamwidth-°	20
F/B Ratio-dB	≥18
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max.Power-W	100
Lightning Protection	DC Grounded
Connector	N female or customized
Dimensions-m	0.3x0.4
Weight-Kg	1.4
Mast Diameter-mm	φ 40 to 50

#### Installation Skech



- Installation:**
1. Assembly the two pieces of reflector symmetrically.
  2. Mount the feed horn on the reflector according to the sketch map. Make sure the feed dipoles parallel with most bars of the grid reflector. When the feed dipole and most grid bars are vertical to the ground, the antenna is vertical polarized. When the feed dipole and most grid bars are horizontal to the ground, the antenna is horizontal polarized.
  3. Mount the T-type bracket at the back of the reflector, then mount the antenna on the mast supplied by customer according to the sketch map.
  4. Test the antenna with equipment to make sure the antenna receive the best signal by tuning the azimuth and pitching angle, then lock all the screws and seal the connector between antenna and cable.

