

# TDJ-2400SPL4

## Die Cast Grid Antenna

### Technical Sheet



#### Applications

- 2.4GHz Wireless LAN systems
- 2.4GHz UNII/ISM Applications
- Long-Range Directional Applications
- Point to Point/Point to Multi-point Systems
- Wireless Bridges
- Backhaul/Client Antenna

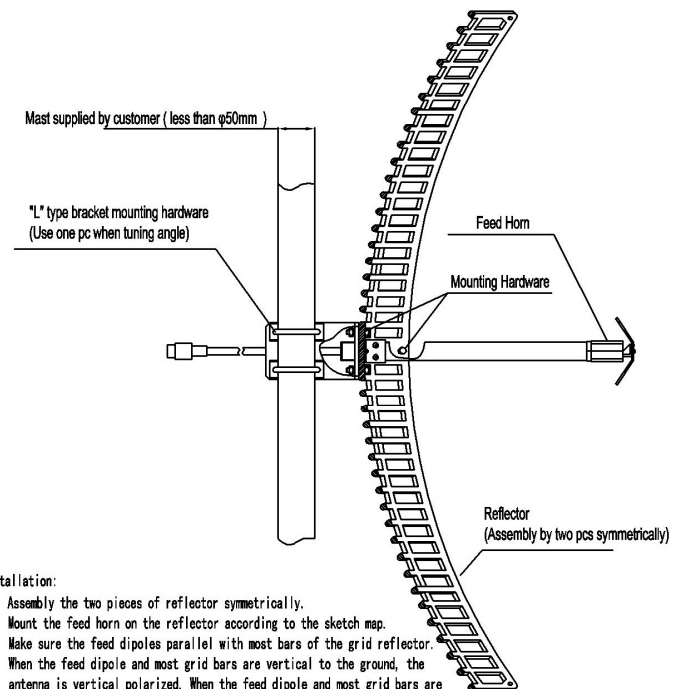
#### Features

- Superior Performance
- Aluminum Die Cast Grid
- UV Stable Light Gray Powder Coat Finish
- All Weather Operation
- Easy to Assemble

#### Specifications

Model	TDJ-2400SPL4
Freq. Range-MHz	2400~2483
Bandwidth-MHz	83
Gain-dBi	15
Beamwidth-°	E: 21 H: 16
F/B Ratio-dB	≥20
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max. Power-W	100
Connector Type	N Female or Customization
Dimension-m	0.3x0.4
Weight-Kg	1.4
Pole Diameter-mm	φ 40~50

#### Install Sketch



#### Installation:

1. Assemble 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 "L" 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.