

## Name:5150-5850MHz Sector Panel Antenna

### Main Features

- Specially designed for 5.1 to 5.8GHz broadband communications system
- Firm structure, Waterproof design
- High gain, Low VSWR
- Good appearance, Easy to mount



### Electrical Specifications

| Model                  | TDJ-5158K | TDJ-5158G | TDJ-5158I | TDJ-5158J |
|------------------------|-----------|-----------|-----------|-----------|
| Frequency Range-MHz    | 5150-5850 |           |           |           |
| Bandwidth-MHz          | 700       |           |           |           |
| Gain-dBi               | 19        | 18        | 17        | 15        |
| Polarization           | Vertical  |           |           |           |
| Vertical Beamwidth-°   | 7         |           |           |           |
| Horizontal Beamwidth-° | 45        | 60        | 90        | 120       |
| F/B Ratio-dB           | ≥25       |           |           |           |
| VSWR                   | ≤1.7      |           |           |           |
| Impedance-Ω            | 50        |           |           |           |
| Power Capacity-W       | 100       |           |           |           |

### Mechanical & Environmental Specifications

|                           |            |
|---------------------------|------------|
| Connector                 | N Female   |
| Dimensions(LxWxD)-mm      | 455×140×35 |
| Weight-Kg                 | 0.7        |
| Mounting                  | Mast       |
| Mounting Mast Diameter-mm | Φ40 to Φ65 |
| Operating Temperature-°C  | -40 to +60 |
| Relative Humidity         | 5% to 95%  |
| Rated Wind Velocity-m/s   | 60         |