

# 1-Port 3dBi Fiberglass Omni Antenna

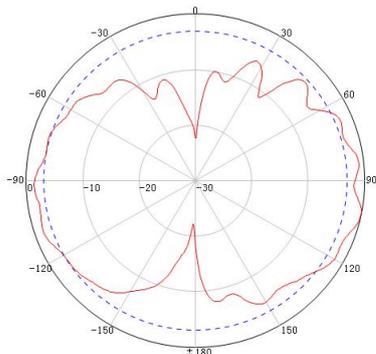
- 20-6000 MHz
- -5-+3dBi / 360° Vertical
- Maximum Power, Low Gain

## TQJ-0160G3F38-1

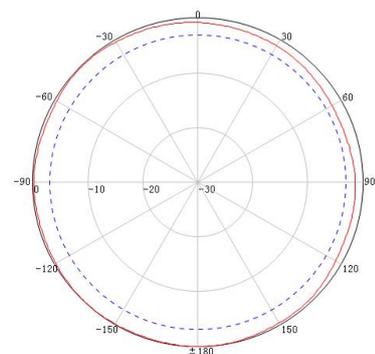
| Electrical Specifications  |   |
|----------------------------|---|
| Frequency Range(MHz)       | 20 ~ 174/174 ~ 380/380 ~ 520/617 ~ 960/<br>960 ~ 1400/1400 ~ 2700/3300 ~ 4200/4200 ~ 6000 |
| Bandwidth(MHz)             | All band  |
| Polarization               | Vertical  |
| Gain(dBi)                  | -5@20~90,-3@100~380,1@380~520/617~960/,<br>2@960~2700.3@3300~6000                         |
| Horizontal Beam Width(°)   | 360, Omnidirectional  |
| Vertical Beam Width(°)     | 68±20   |
| Horizontal unroundness(dB) | ±2.5  |
| Impedance(Ω)               | 50  |
| VSWR                       | ≤3.6@20~174MHz / ≤2.5   |
| Maximum Power(W)           | 200   |
| Mechanical Specifications  |   |
| Connector Type             | SMA-JW Male   |
| Connector Position         | Bottom-end of the cable, cable Length @0.35m or Customized                                |
| Antenna Size(mm)           | Φ38* (335±5)  |
| Antenna Weight(Kg)         | 0.4±0.2   |
| Radome Material            | Fiberglass  |
| Radome Color               | White or Gray or Black@Fiberglass (or Customized)   |
| Operating Temperature(°C)  | -40~+70   |
| Storage Temperature(°C)    | -45~+80   |
| Operating Humidity(%)      | 5~95  |
| Rated Wind Velocity(m/s)   | 60  |
| Salt Spray Resistance      | 96Hour Neutral (GB/T 2423.17-2008)  |
| waterproofing grade        | IP65  |
| Application                | Indoor or Outdoor   |
| Mounting                   | The Antenna can be directly connected to the device                                       |

### Typical Pattern

Typical pattern E Plane



Typical pattern H Plane



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## Product Information



## Installation Sketch

