

Vertical Sector Panel Antenna



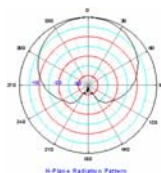
2.4GHz 12.5dBi 90 degree sector panel antenna

Model Number: RFDG14F2



Technical Specifications

| ITEM | TYPICAL | REMARKS |
|-------------------------------|------------------------|------------------|
| Frequency Range | 2400 – 2483 MHz | |
| Impedance | 50 Ω | |
| VSWR (or Return Loss) | ≤ 1.5:1 (or ≥ 14dB) | |
| Gain | ≥ 12.5dBi | |
| Polarization | Vertical, Linear | |
| 3dB Horizontal Beamwidth | 90° | See Plot |
| 3dB Vertical Beamwidth | 20° | See Plot |
| Front to Back Ratio | ≥ 30dB | See Plot |
| Max. Power Input | 20W | |
| Connector | N-Type, Bottom-Feed | Or Custom Design |
| Appearance | Panel Type | |
| Size | 17× 5.5×2.5[inch] | |
| Housing Material | Powder Coated Aluminum | |
| Radome Material | ASA with UV Protection | |
| Radome Color | Gray or White | |
| Case Design | Water Resistance | |
| Weight | 230g | |
| Wind Loading (Frontal) | ≥ 2.5Kg | 200km/h |
| Temperature Range | -45 to +75 ° C | |
| Storage Temperature | -30 to +75 ° C | |
| Sensing Resistor or DC-Ground | Yes | |
| Mounting Hardware | Gear Clamp | |
| Life Expectancy | 20 years | |



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