



ANTENNA TECHNOLOGIES LIMITED COMPANY

## Model VG5800TFG6 Omnidirectional Antenna

### Key Features

- ✓ Wide bandwidth, no field tuning required
- ✓ All weather performance
- ✓ Clean radiation pattern without ground radials



| Electrical Specifications  | VG5800TFG6           |
|----------------------------|----------------------|
| Frequency Range, MHz       | 5250-5900 MHz        |
| Gain                       | 6 dBd                |
| VSWR (50 Ohms)             | < 1.5:1 ( or > 14dB) |
| 3 dBd Beamwidth Horizontal | 360°                 |
| 3 dBd Beamwidth Vertical   | 18°                  |
| Maximum Power, watts       | 20W                  |
| Connector                  | TNC Female           |
| Impedance                  | 50 W                 |
| Polarization               | Vertical. Linear     |

| Mechanical Specifications     | VG5800TFG6             |
|-------------------------------|------------------------|
| Size                          | 10"x1"                 |
| Housing Material              | Fiberglass             |
| Radome Material               | ASA with UV Protection |
| Radome Color                  | Gray or White          |
| Case Design                   | Water Resistance       |
| Storage Temperature           | -30 to +75 ° C         |
| Temperature Range             | -45 to +75 ° C         |
| Wind Loading Frontal          | <10Kg                  |
| Sensing Resistor or DC-Ground | DC Grounded            |
| Life Expectancy               | 20 years               |
| Weight                        | .5 lb                  |

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