



## VG-65-18-T3

Vertically polarised single band antenna.

### Main Specification

|               |             |
|---------------|-------------|
| Polarisation  | Vpol        |
| Gain          | 18.5 dBi    |
| HBW           | 65°         |
| Elec Downtilt | 3°          |
| Frequency     | 870-960 MHz |

| Electrical Specifications         | Units  | Value   |
|-----------------------------------|--------|---------|
| Frequency                         | MHz    | 870-960 |
| Gain                              | dBi    | 18.5    |
| Horizontal -3dB Beamwidth         | degree | 65      |
| Vertical - 3dB Beamwidth          | degree | 7       |
| Electrical Downtilt               | degree | 3       |
| Front To Back Ratio               | dB     | >25     |
| Isolation between Polarizations   | dB     | N/A     |
| First Upper Side Lobe Suppression | dB     | 14      |
| VSWR                              |        | 1.33    |
| Impedance                         | Ohms   | 50      |
| Intermodulation 3rd Order         | dBc    | -150    |
| Maximum Power Input               | W      | 400     |

### Mechanical Specifications

|                     |                                      |
|---------------------|--------------------------------------|
| Input Connector     | 1 x 7/16 DIN Female                  |
| Connector Location  | Bottom                               |
| Dimension H x W x D | 2535 x 255 x 100mm                   |
| Windload @ 200 km/h | Front 1185N / Side 480N / Rear 1956N |
| Weight              | 15kg                                 |



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|                          |                  |
|--------------------------|------------------|
| Lightning Protection     | DC Ground        |
| Reflector Material       | Aluminium        |
| Radome Material / Colour | GRP / Light Gray |