

5001000

Single Band | Ground Plane Omnidirectional | V-Pol | 360° | 0 dBd

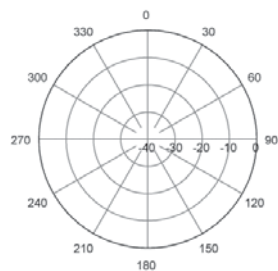
- Rugged and durable “lightning proof” VHF Ground Plane antenna
- Designed for VHF AIR BAND applications
- Broadband active element is enclosed inside a glassfibre shroud for extra protection in harsh environments



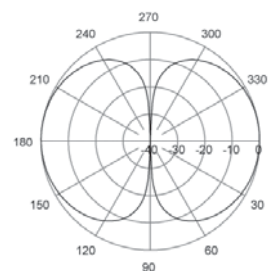
| Electrical Characteristics | |
|----------------------------|---|
| Frequency Band | 112-156 MHz |
| Polarization | Vertical |
| Horizontal Beamwidth | 360° |
| Vertical Beamwidth | 90° |
| Gain | 0 dBd |
| Impedance | 50Ω |
| VSWR | < 1.5:1 (116-140 MHz) < 2.0:1 (112-156 MHz) |
| Maximum Continuous Power | 500 W |
| Peak Power | 1 kW (< 1 min working) |
| Connector | N-Type Female |
| Lightning Protection | DC Grounded Antenna remains intact following strike with an action integral 2.5×10^5 Amp ² second |

| Mechanical Characteristics | | |
|--|--|----------------|
| Materials | GRP covered radiator, centre-fed brass dipole. Alocrom finish aluminum radial ring and mounting stub (48.5 mm diameter) GRP covered brass radials (6 off). | |
| Dimensions (Length x Width) <i>Width is measured at radial tips</i> | 1250 x 770 mm | 49.2 x 30.3 in |
| Weight without Bracket | 3.5 kg | 7.7 lbs |
| Survival Wind Speed | 251 km/hr | 156 mph |
| Wind Load @ 160 km/hr (100 mph) | 150 N | 33.7 lbf |

| Mounting Options | |
|---|------------|
| Mounting bracket kits are ordered separately. | |
| Mounting Bracket Kit | 0300120/00 |



Horizontal



Vertical

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.