

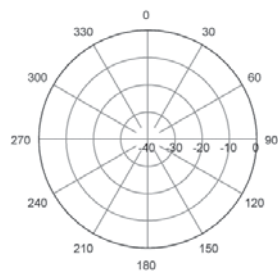
5001000

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

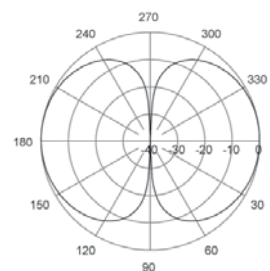
- Rugged and durable “lightning proof” VHF Ground Plane antenna
- Designed for VHF AIR BAND applications
- Broadband active element is enclosed inside a glassfibre shroud for extra protection in harsh environments



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
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 or range values only and may vary as a result of normal 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 product may be made without notice.