

A heavy duty "lightning proof" Colinear antenna offered in a variety of frequencies covering the VHF band. The high power rating on this design makes it suitable for Trunked Radio and Paging applications. These antennas are housed inside a highstrength, glassfibre shroud and manufactured to the highest quality standards ensuring long term, reliable operation.

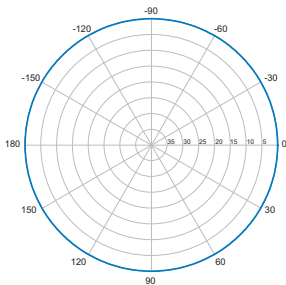
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V-Pol | Colinear | 360° | 3.0 dBd

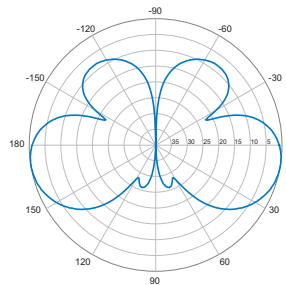


| Electrical Characteristics | |
|----------------------------|---|
| Frequency band | 380-400 MHz |
| Polarization | Vertical |
| Horizontal beamwidth | 360° |
| Vertical beamwidth (3 dB) | 35° |
| Gain | 3.0 dBd |
| Electrical downtilt | 10° |
| Impedance | 50Ω |
| VSWR | 1.5:1 maximum full band |
| Maximum power | 500 W |
| Connector type | 7/16-DIN / Female |
| Lightning protection | DC Grounded. Antennas remain intact following a lightning strike of 2.5×10^5 Amp ² second. Finial 1/2" stainless steel extending 220 mm beyond top cap. |
| Mechanical Characteristics | |
| Dimensions (Length) | 3800 mm 149.6 in |
| Weight without bracket | 6.5 kg 14 lbs |
| Wind load @ 45 m/s | 270 N 61 lbf |
| Materials | Glass fibre shroud; aluminum mounting section |
| Mounting Options | |
| Mounting bracket | 0300120/00 |

Please order Mounting Bracket separately.



Horizontal



Vertical | 10°

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.