

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 high-strength, glassfibre shroud and manufactured to the highest quality standards insuring long term, reliable operation.

7530xxx

V-Pol | Colinear | 360° | 3.0 dBd

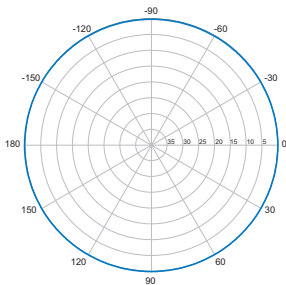
Replace "xxx" with desired model number option.

Electrical Characteristics		
Frequency range	118..270 MHz	
Model number options (xxx)	Model Number	Frequency band*
	7530100	118-124 MHz
	7530110	124-130 MHz
	7530120	128-134 MHz
	7530010	150-157 MHz
	7530011	159-165 MHz
	7530030	160-168 MHz
	7530040	166-174 MHz
7530200	169-170 MHz	
Bandwidth	6 MHz	
Polarization	Vertical	
Horizontal beamwidth	360°	
Vertical beamwidth	35°	
Gain	3.0 dBd	
Electrical downtilt	0°	
Impedance	50Ω	
VSWR	<1.5:1	
Maximum power	500 W	
Connector type	N-Female (7/16-DIN optional)	
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 (8.7 in) beyond top cap.	

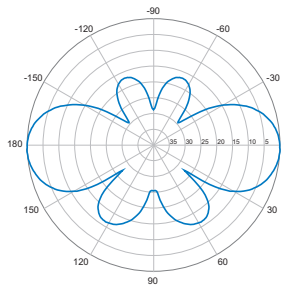


* Other frequencies available upon request.

Mechanical Characteristics		
Materials	Glass fibre shroud Aluminium mounting section	
Dimensions (Length)	3800 mm	149.6 in
Weight without bracket	6.5 kg	14.3 lbs
Wind load @ 160 km/hr (100 mph)	270 N	60.7 lbf
Mounting Options		
Mounting bracket	0300120/00	
Please order Mounting Bracket separately.		



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.