

A rugged and durable VHF Colinear antenna housed inside a high-strength, glassfibre shroud. An integrated mounting clamp allows easy installation on poles or horizontal rails. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

## 7513xxx

V-Pol | Colinear | 360° | 3.0 dBd

Replace "xxx" with desired model number option.

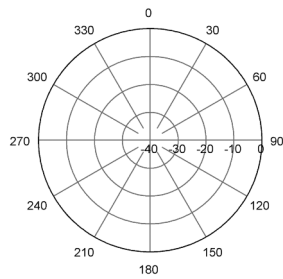


Electrical Characteristics		
Frequency range	135..250 MHz	
Model number options (xxx)	Model Number 7513000 7513150 7513160 7513184 7513190	Frequency band* 145-156 MHz 154-166 MHz 163-175 MHz 176-192 MHz 192-208 MHz
Polarization	Vertical	
Horizontal beamwidth	360°	
Vertical beamwidth	35°	
Gain	3.0 dBd	
Electrical downtilt	0°	
Impedance	50Ω	
VSWR	<1.5:1	
Maximum power	150 W	
Connector type	N-Female + 0.3m RG213 cable	
Lightning protection	DC grounded	

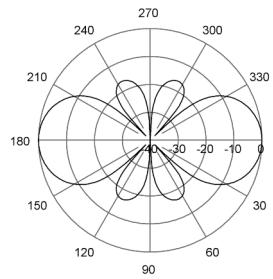
\* Other frequencies available upon request.

Mechanical Characteristics		
Materials	Glass fibre shroud Aluminium mounting section	
Dimensions (Length)	2700 mm	106.3 in
Weight without bracket	1.8 kg	4.0 lbs
Wind load @ 160 km/hr (100 mph)	73 N	16.4 lbf

Mounting Options	
Mounting	Integral mounting clamp to fit 38-50 mm dia. pipe or horizontal rail



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.