

A rugged and durable UHF Colinear antenna designed for Telemetry, Paging and Trunked Radio applications. This design is housed inside a high-strength, glassfibre shroud and includes an integrated mounting clamp allowing 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.

## 7556xxx

V-Pol | Colinear | 360° | 5.7 dBd

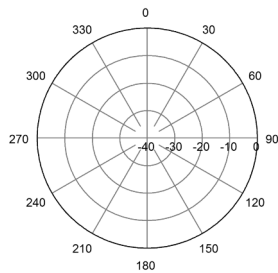
Replace "xxx" with desired model number option.

Electrical Characteristics		
Frequency range	800..960 MHz	
Model number options (xxx)	Model Number	Frequency band*
	7556826	806-846 MHz
	7556855	840-870 MHz
	7556880	860-900 MHz
	7556910	890-930 MHz
	7556940	920-960 MHz
Bandwidth	35 MHz	
Polarization	Vertical	
Horizontal beamwidth	360°	
Vertical beamwidth	17°	
Gain	5.7 dBd	
Electrical downtilt	0°	
Impedance	50Ω	
VSWR	<1.5:1	
Maximum power	150 W	
Connector type	N-Female + 0.5m RG213 cable	
Lightning protection	DC grounded	

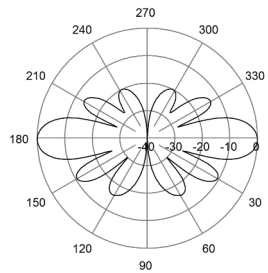
\* Other frequencies available upon request.

Mechanical Characteristics		
Materials	Glass fibre shroud Aluminium mounting section	
Dimensions (Length)	1280 mm	50.4 in
Weight without bracket	1.1 kg	2.4 lbs
Wind load @ 160 km/hr (100 mph)	35 N	7.9 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.