

7533xxx

Single Band | Omni-Directional | Colinear | V-Pol | 360° | 5.1 dBi | Fixed Electrical Tilt

- Rugged and durable UHF colinear antenna carrying UK R.A. type approval for UHF Telemetry systems
- Includes an integrated mounting clamp allowing easy installation on poles or horizontal rails
- Robust antenna design insures reliable operation in harsh environmental conditions

Ordering Options

Replace "xxx" in the model number with one of the options below to signify the desired frequency band

	Model Number	Frequency Band*
Model Number Options (xxx)	7533395	380-410 MHz
	7533400	400-440 MHz
	7533000	430-470 MHz
	7533491	470-512 MHz

*Other frequencies available upon request

Electrical Characteristics

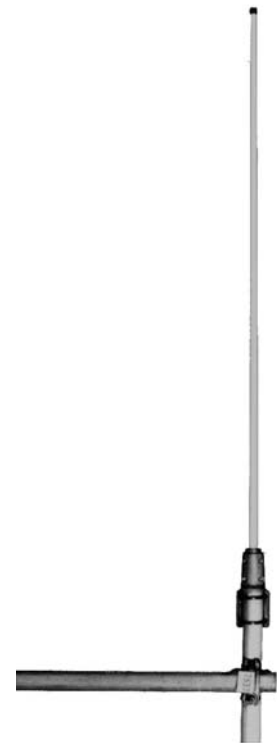
Frequency Band	See Options Listed Above	
Polarization	Vertical	
Horizontal Beamwidth	360°	
Vertical Beamwidth	35°	
Gain	3.0 dBd (5.1 dBi)	
Electrical Downtilt	0°	
Impedance	50Ω	
VSWR	< 1.5:1	
Power Rating	150 W	
Connector Type	N Female + 0.3 m RG213 cable (7/16 DIN optional)	
Lightning Protection	DC Grounded	

Mechanical Characteristics

Shroud Material	Fiberglass	
Mounting Section Material	Aluminum	
Dimensions (Length)	1500 mm	59.1 in
Weight without Mounting Brackets	1.5 kg	3.3 lbs
Wind Load @ 160 km/hr (100 mph)	35 N	7.9 lbf

Mounting Options

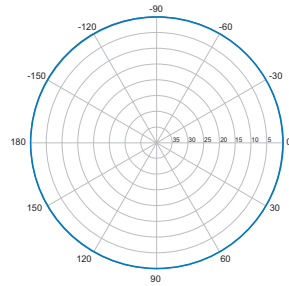
Mounting Bracket Kit	Integral mounting clamp for pipe or horizontal rail	
Fits Pipe/Rail Diameter	38-50 mm	1.5-2.0 in



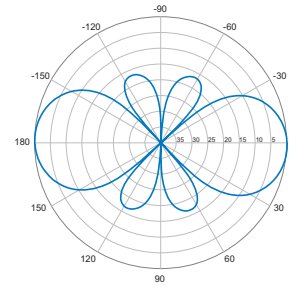
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Horizontal



0° | Vertical