

A heavy duty "lightning proof" Colinear antenna designed for use in TETRA networks. Antennas in this range are carefully designed to provide low passive intermodulation to minimize network interference. These antennas are housed inside a high-strength glassfibre shroud and manufactured to the highest quality standard insuring long term reliable operation.

75863xx

V-Pol | Heavy Duty Colinear | 360° | 6.0 dBd

Replace "xx" with desired model number option.

Electrical Characteristics

Frequency band*	380-400 MHz		
Model number options (xx)	Model Number	Electrical downtilt	Connector Type
	7586380	0°	7/16-DIN Female
	7586386	6°	7/16-DIN Female
	7586388	8°	7/16-DIN Female
	7586392	12°	7/16-DIN Female
	7586390	0°	N-Female
	7586396	6°	N-Female
	7586398	8°	N-Female
7586382	12°	N-Female	
Polarization	Vertical		
Horizontal beamwidth	360°		
Vertical beamwidth	17°		
Gain	6.0 dBd		
Electrical downtilt	see model number options above		
Impedance	50Ω		
VSWR	<1.5:1		
Maximum power	300 W		
Connector type	see model number options above		
Lightning protection	DC grounded. Antennas remain intact following a lightning strike of 2.5 x 10 ⁵ Amp ² second. Finial 1/2" stainless steel extending 220 mm (8.7 in) beyond top cap.		

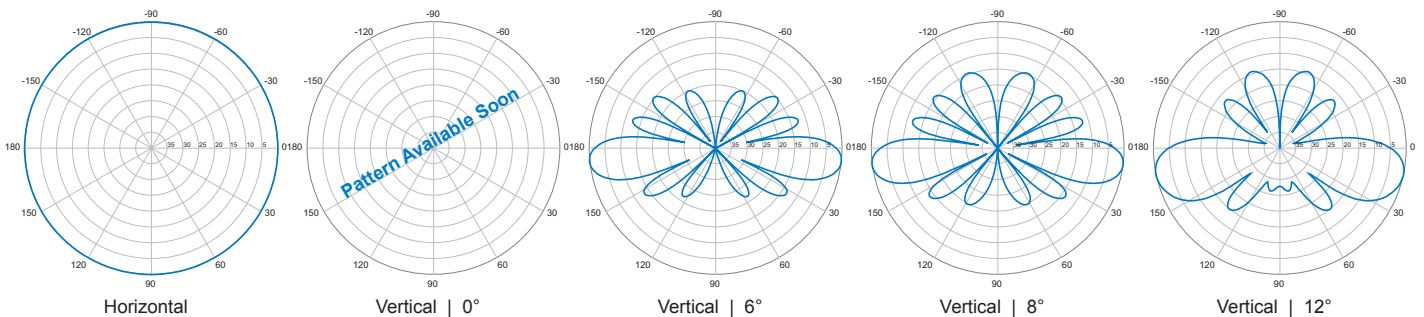
* Other frequencies available upon request.

Mechanical Characteristics

Materials	Glass fibre shroud Aluminium mounting section	
Dimensions (Length)	3100 mm	122.0 in
Weight without bracket	7.0 kg	15.4 lbs
Wind load @ 160 km/hr (100 mph)	220 N	49.5 lbf

Mounting Options

Mounting bracket	0300120/00
Please order Mounting Bracket separately.	



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.