

A heavy duty variable electrical downtilt Colinear antenna designed for use in TETRA networks. This antenna has been optimized to provide a signal level at the horizon which is -5dB/±3dB below the main beam maximum. This adjustment range allows an operator to fine tune the coverage of each cell and minimize adjacent cell interference. The antenna is housed inside a high-strength glassfibre shroud and manufactured to the highest quality standard insuring long term reliable operation.

7586307

V-Pol | Heavy Duty VET Colinear | 360° | 4.6 dBd

Electrical Characteristics	
Frequency band	380-400 MHz
Polarization	Vertical
Horizontal beamwidth	360°
Vertical beamwidth	20°
Gain	4.6 dBd
Electrical downtilt*	10°-15°
Impedance	50Ω
VSWR	<1.5:1
Maximum power	250 W
Connector type	7/16-DIN Female
Lightning protection	DC grounded

* Electrical tilt is adjusted by a knob at the bottom of the antenna.

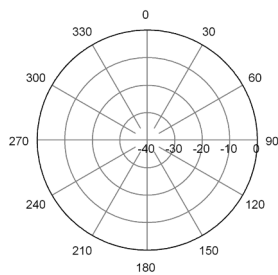
Mechanical Characteristics		
Materials	Glass fibre shroud with 80 mm dia. Aluminium mounting section	
Dimensions (Length) - excluding finial - including finial	2960 mm 3120 mm	116.5 in 122.8 in
Weight without bracket	10.0 kg	22.0 lbs
Wind load @ 160 km/hr (100 mph)	210 N	47.2 lbf

Mounting Options	
Mounting bracket	0900638/00

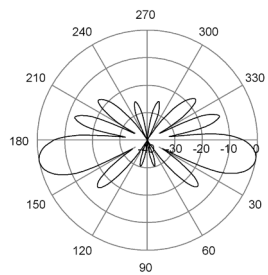
Please order Mounting Bracket separately.



PRELIMINARY



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.