


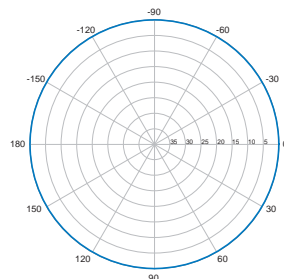
# 7586838

Single Band | Colinear Omni Antenna | V-Pol | 360° | 8.15 dBi

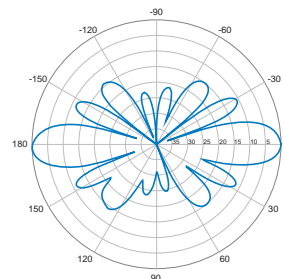
- High quality, robust antenna with lightning protection
- Offers wide bandwidth and due to a center-fed dipole construction, offers carefully controlled radiation patterns
- Lightning-proof design makes this antenna particularly suitable for exposed sites
- The high efficiency and generous power rating offers many solutions for trunked systems, such as TETRA



Electrical Characteristics				
Frequency Band	806-896 MHz			
Polarization	Linear, Vertical			
Horizontal Beamwidth	360°			
Vertical Beamwidth (-3 dB point)	16°			
Gain	6.05 dBd (8.15 dBi)			
Electrical Downtilt	0°			
Impedance	50Ω			
VSWR (Typical)	< 1.5:1			
Input Power	300 W CW			
Lightning Protection	All metal parts DC grounded. Will withstand pulse of 2.5 x 10 <sup>6</sup> A <sup>2</sup> s			
Connectors, Type, Location	1 port, N Female, Bottom			
Mechanical Characteristics				
Dimensions (Length x Diameter)	1631 x Ø52 mm	64.2 x Ø2.0 in		
Weight without Mounting Brackets	4 kg	8.8 lbs		
Survival Wind Speed	280 km/hr	174 mph		
Wind Load @ 160 km/hr (100 mph)	115 N	25.9 lbf		
Materials	Shroud	GRP, Pale Grey REA 7035		
	Mounting Section and Cap	Aluminum		
Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below.				
Galvanised Steel Clamps (Two clamps provided in kit)	0300120/00		32-60 mm (1.3-2.4 in)	TBD



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.