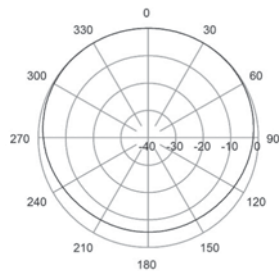
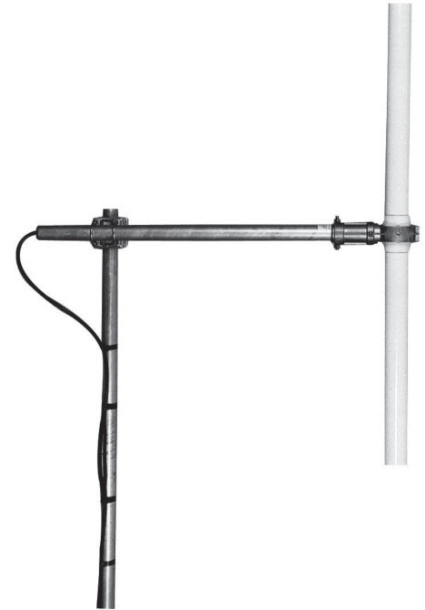


# MA481H02

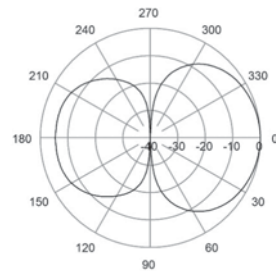
Shrouded Center Fed Dipole | V-Pol | Variable Az | Variable Gain

- Variable azimuth, variable gain, shrouded VHF center fed dipole antenna
- Designed for PMR/Trunked radio applications
- Multiple dipoles can be mounted on tower with a phasing harness to form a high gain, stacked array
- Dipole element enclosed in weather resistant glassfibre shroud

Electrical Characteristics		
Frequency Band	68-88 MHz	
Polarisation	Vertical	
Horizontal Beamwidth	Will depend on mounting distance from mast	
Vertical Beamwidth	80°	
Gain	0 dBd Will depend on mounting distance from mast	
Impedance	50Ω	
VSWR	72-85 MHz	< 1.5:1
	68-88 MHz	< 2.0:1
Maximum Power	250 W	
Lightning Protection	DC Ground	
Connector(s)	N-Male	
Mechanical Characteristics		
Materials	Boom	45 mm diameter, Aluminium
	Dipole	Elements Protected by Glassfibre Shroud
Dimensions (Length)	1860 mm	73.2 in
Weight without Mounting Bracket	4.5 kg	9.9 lbs
Wind Load (160 km/hr or 100 mph)	340 N	76.4 lbf
Mounting Options		
Mounting Bracket	MA621AZ51 clamp supplied to fit on Ø25-Ø50 mm (Ø1.0-Ø2.0 in) mast	



Horizontal



Vertical

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.