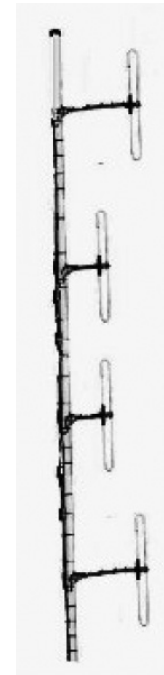


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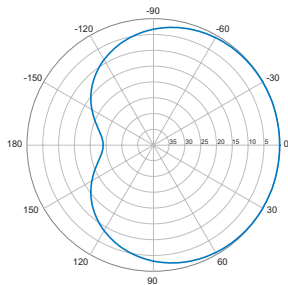
V-Pol | Directional 4-Stack Dipole | 160° | 5.9 dBd

A high gain 'Cardoid' pattern 4-stack dipole system. Careful attention to design ensures close control of the horizontal and vertical radiation patterns. Can be an important tool for the TETRA network radio planner who is striving to minimize problematical interference. This version has been updated for optimum Intermodulation performance.

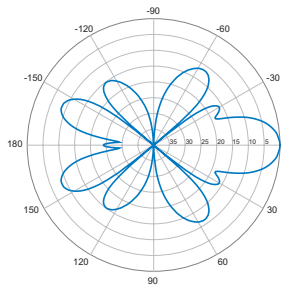


Electrical Characteristics	
Frequency band	380-430 MHz
Polarization	Vertical
Horizontal beamwidth	160° -3 dB points
Vertical beamwidth	18° -3 dB points
Gain	5.9 dBd (8.0 dBi)
Electrical downtilt	0°
Impedance	50Ω
VSWR (full band)	<1.5:1
Front-to-back ratio	>20 dB
Maximum power	150 W. CW
Intermodulation (2 x 20W carriers)	< -143 dBc
Connector type	7/16 DIN-Female on RG214 coaxial downlead
Lightning protection	DC grounded All conductive components at ground potential
Mechanical Characteristics	
Materials	Main boom: Ø65 mm, aluminium Dipole booms: Ø32 mm Radiating elements: Ø12 mm
Dimensions (Length x Width x Depth)	2650 x 470 x 100 mm      104.3 x 18.5 x 3.9 in
Weight without bracket	12 kg      26.5 lbs
Wind load @ 45 m/s (maximum)	340 N      76.4 lbf
Mounting Options	
Optional mounting bracket	Suits top and bottom or cantilever mounting for pipe diameters 48-115 mm (1.9-4.5 in).

Antenna comes ready assembled for easy deployment.



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.