

7255xxx

Single Band | 4 Stacked Center Fed Dipole Array | V-Pol | 360°/150° | 5.0/9.0 dBd | Fixed Tilt

- Array of four Center Fed Dipole antennas with phasing harness, mounted on an aluminum mast
- For extended range PMR/Trunked Radio applications
- Robust antenna design ensures reliable operation in harsh environmental conditions

Ordering Options

Replace "xxx" in the model number with one of the options below to signify the desired frequency band

Model Number Options (xxx)	Model Number	Frequency Band*
	7255149	144-151 MHz
	7255151	147-156 MHz
	7255150	153-165 MHz
	7255162	157-167 MHz

*Other frequencies available upon request

Electrical Characteristics

Frequency Band	See Options Listed Above	
Bandwidth (typical)	6%	
Polarization	Vertical	
Horizontal Beamwidth	Omni	360°
	Directional	150°
Vertical Beamwidth	17°	
Gain	Omni	5.0 dBd
	Directional	9.0 dBd
Electrical Downtilt**	0°	
Impedance	50Ω	
VSWR (typical)	< 1.5:1	
Maximum Power	300 W	
Connector Type	N Female + RG213 cable	
Lightning Protection	DC Grounded	

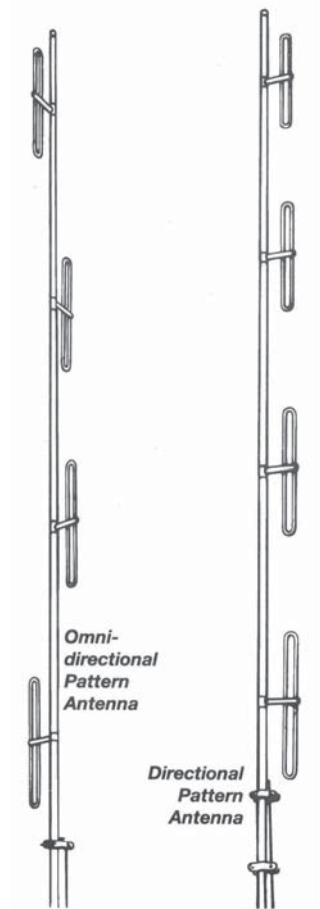
**Other downtilt options available upon request

Mechanical Characteristics

Construction	Center fed folded dipoles (with baluns) fixed on a one piece vertical boom	
Main Boom Diameter	65 mm	2.6 in
Length @155 MHz	6000 mm	236.2 in
Weight without Mounting Brackets @155 MHz	28 kg	61.7 lbs
Wind Load (160 km/hr or 100 mph) @155 MHz	730 N	164 lbf

Mounting Options

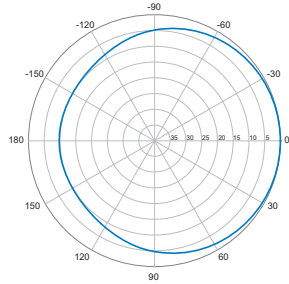
Mounting bracket kits are ordered separately.		
Mounting Bracket Kit	0300235/00	



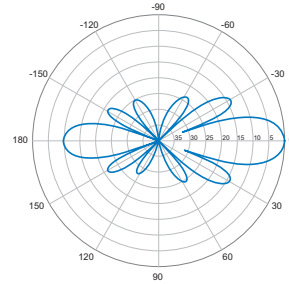
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Omni | Horizontal



0° | Vertical