

VHF Stacked Dipole, 8 dipoles, 4 tier (H-configuration). Dipole arrays for lower frequencies are also available (dipoles and harnesses only).

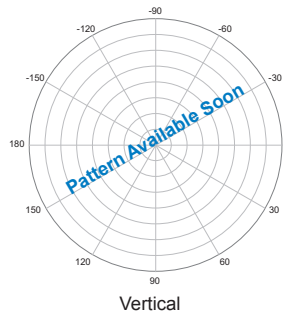
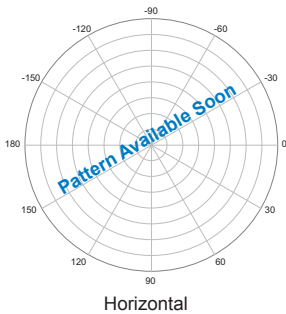
7247xxx

Replace "xxx" with desired model number option.

V-Pol | 8 Stacked Center Fed Dipole Array | 360° | 6.5 dBd



Electrical Characteristics			
Frequency range	150..240 MHz		
Model numbers options (xxx)	Model Number 7247159 7247166	Frequency band* 156-162 MHz 159-173 MHz	
Bandwidth	10 MHz		
No of elements	8 dipoles, 4 tier array, H-configuration		
Polarization	Vertical		
Horizontal beamwidth	360°		
Vertical beamwidth (-3 db)	19°		
Gain	6.5 dBd		
Electrical downtilt	0°-10°		
Impedance	50Ω		
VSWR	<1.5:1		
Maximum power	300 W (700 W version available upon request)		
Connector type	N socket + RG213 coaxial cable		
* Other frequencies available upon request.			
Mechanical Characteristics			
Construction	Boom, 2.5" diameter x .25" STD (Light duty, 2.5" x 10 SWG) Elements, 0.5" diameter x 16 SWG		
Dimensions (Length)	168 MHz	6000 mm	236.2 in
Weight without bracket	160 MHz Light Duty	31.0 kg 23.0 kg	68.3 lbs 50.7 lbs
Wind load @ 160 km/hr (100 mph) @ 122 km/hr (76 mph)	160 MHz Light Duty	800 N 600 N	179.8 lbf 134.9 lbf
Mounting Options		Part Number	
Mounting bracket	0300235/00		
Please order Mounting Bracket separately.			



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.