

71484xx

V-Pol | 4 Stacked Center Fed Dipole Array | 160° | 9.0 dBd

An array of four Center Fed Dipole antennas with phasing harness mounted on an aluminum mast designed for TETRA network applications. Antennas in this range are carefully designed to provide low passive intermodulation to minimize network interference. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

Replace "xx" with desired model number option.

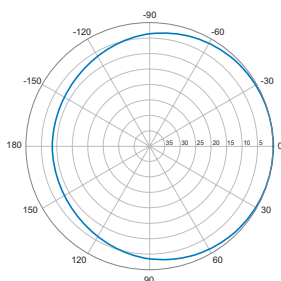
Electrical Characteristics							
Frequency range	406..512 MHz						
Model number options (xx)	<table border="1"> <thead> <tr> <th>Model Number</th> <th>Frequency band*</th> </tr> </thead> <tbody> <tr> <td>7148438</td> <td>406-470 MHz</td> </tr> <tr> <td>7148481</td> <td>450-512 MHz</td> </tr> </tbody> </table>	Model Number	Frequency band*	7148438	406-470 MHz	7148481	450-512 MHz
Model Number	Frequency band*						
7148438	406-470 MHz						
7148481	450-512 MHz						
Polarization	Vertical						
Horizontal beamwidth	160°						
Vertical beamwidth	17°						
Gain	9.0 dBd						
Electrical downtilt	0°						
Impedance	50Ω						
VSWR	<1.5:1						
IM3 (2x20W carriers)	< -143 dBc						
Maximum power	200 W						
Connector type	7/16-DIN Female + 4m of RG214 cable						
Lightning protection	DC grounded						

* Other frequencies available upon request.

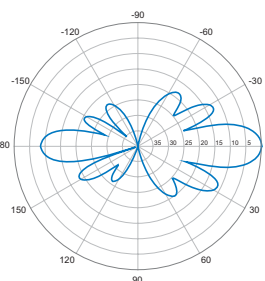
Mechanical Characteristics	
Construction	Center fed folded dipoles (with baluns) fixed on a one piece vertical boom
Dimensions (Length x Width x Depth)	2600 x 132 x 110 mm 102.4 x 5.2 x 4.3 in
Weight without bracket	7.0 kg 15.4 lbs
Wind load @ 160 km/hr (100 mph)	190 N 42.7 lbf

Mounting Options	
Mounting bracket	0300120/00

Please order Mounting Bracket separately.



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.