

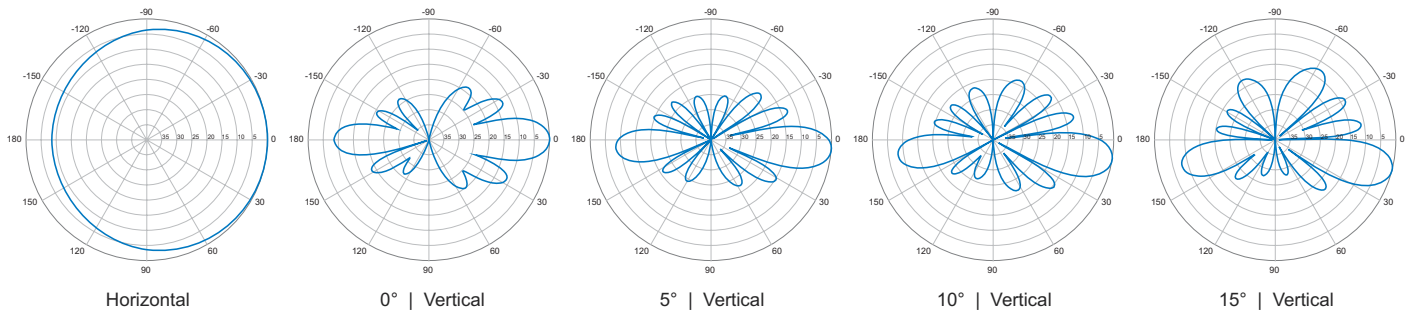
A Heavy Duty array of four Center Fed Dipole antennas with phasing harness mounted on an aluminium mast designed for TETRA network applications. Antennas in this range are carefully designed to provide low passive intermodulation to minimize network interference. Produced to the highest quality standards,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

71482xxHD

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

Replace "xx" with desired model number option.

Electrical Characteristics		
Frequency band	380-430 MHz	
Model numbers options (xx)	Model Number	
	7148200HD	Electrical downtilt
	7148205HD	0°
	7148210HD	5°
7148215HD	10°	
7148215HD	15°	
Polarization	Vertical	
Horizontal beamwidth	160°	
Vertical beamwidth	17°	
Gain	9.0 dBd	
Electrical downtilt	see model number options above	
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 LxWxD	2600 x 132 x 110 mm 102.4 x 5.2 x 4.3 in	
Weight without bracket	8.0 kg 17.6 lbs	
Wind load @ 160 km/hr (100 mph)	180 N 40.5 lbf	
Mounting Options		
Mounting bracket	0300120/00	
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.