An array of four Center Fed Dipole antennas with phasing harness mounted on an aluminium mast designed for TETRA network applications. The antenna can be deployed as a directional or omnidirectional antenna by adjusting the dipole orientation around the mast. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions. Low IMP rated models are available upon request.

7047xxx

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

Replace "xxx" with desired model number option.

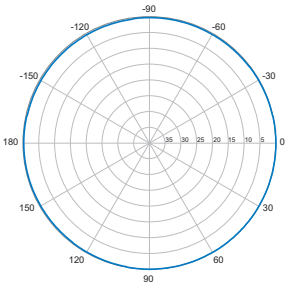
Electrical Characteristics		
Frequency range	380..500 MHz	
Model number options (xxx)	Model Number 7047410 7047419 7047450 7047475	Frequency band* 380-430 MHz 400-440 MHz 440-470 MHz 450-500 MHz
Polarization	Vertical	
Horizontal beamwidth	360° Omni / 150° Directional	
Vertical beamwidth	17°	
Gain	5.0 dBd Omni / 9.0 dBd Directional	
Electrical downtilt	0°	
Impedance	50Ω	
VSWR	<1.5:1 typical	
Maximum power	200 W	
Connector type	N-Female + 3m of RG213 cable	
Lightning protection	DC grounded	

* Other frequencies available upon request.

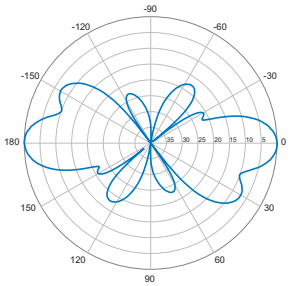
Mechanical Characteristics		
Construction	Center fed folded dipoles (with baluns) fixed on a one piece vertical boom. Dipoles are able to be rotated on the boom to allow for omni or directional mode.	
Dimensions LxWxD	2500 x 132 x 110 mm	98.4 x 5.2 x 4.3 in
Weight without bracket	5.5 kg	12.1 lbs
Wind load @ 160 km/hr (100 mph)	180 N	40.5 lbf

Mounting Options	Part Number
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.