

An array of four Center Fed Dipole antennas with phasing harness mounted on an aluminium mast designed for TETRA network applications. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

7148xxx

Replace "xxx" with desired model number option.

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

Electrical Characteristics

| | | | |
|-----------------------------|--------------------------------|-----------------|---------------------|
| Frequency range | 380..470 MHz | | |
| Model numbers options (xxx) | Model Number | Frequency band* | Electrical downtilt |
| | 7148000 | 420-470 MHz | 0° |
| | 7148005 | 420-470 MHz | 5° |
| | 7148010 | 420-470 MHz | 10° |
| | 7148015 | 420-470 MHz | 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 | | |
| Maximum power | 200 W | | |
| Connector type | N-Female + 3m of RG213 cable | | |
| Lightning protection | DC grounded | | |

* Other frequencies available upon request.

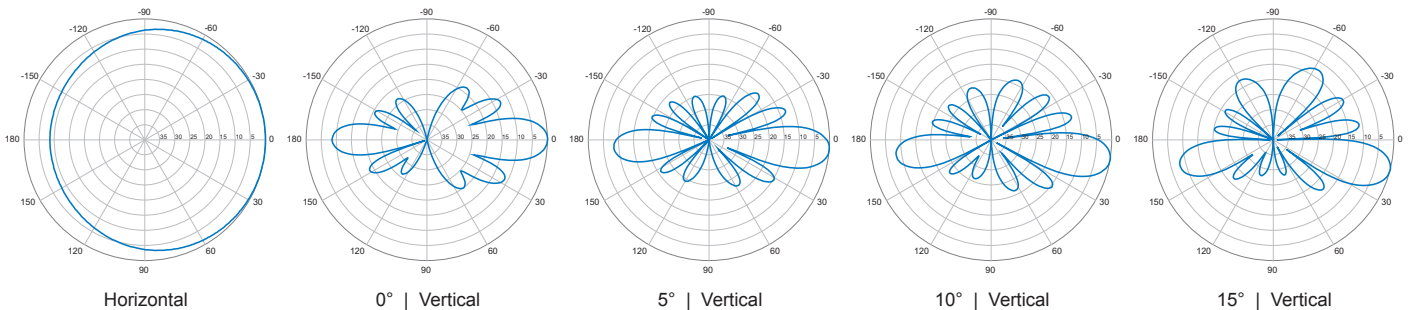
Mechanical Characteristics

| | | |
|---------------------------------|-----------------------------------------------------------------------------|----------------------|
| Construction | Center fed folded dipoles (with baluns) fixed on a one piece vertical boom. | |
| Dimensions LxWxD | 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 Options | Part Number |
|------------------|-------------|
| 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.