

A UHF Center Fed Dipole antenna for PMR/Trunked Radio and UHF Aircraft Band applications. Multiple dipoles can be mounted on a tower and connected with a phasing harness to form a high gain, stacked array. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

7051xxx

V-Pol or H-Pol | Center Fed Dipole | Variable Az | Variable Gain

Replace "xxx" with desired model number option.

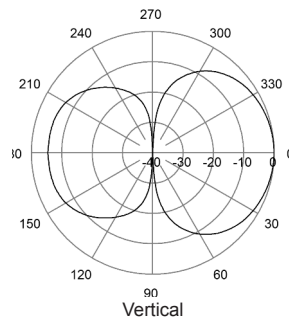
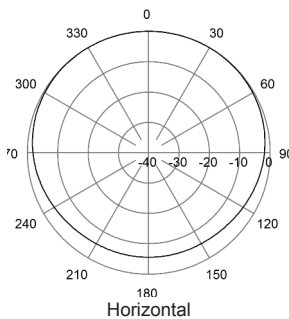
| Electrical Characteristics | | |
|----------------------------|---|---|
| Frequency range | 300..500 MHz | |
| Model number options (xxx) | Model Number 7051400 7051420 | Frequency band* 380-430 MHz 420-470 MHz |
| Bandwidth | ±10% (typical) | |
| Polarization | Vertical or Horizontal | |
| Horizontal beamwidth | Will depend on mounting distance from mast. | |
| Vertical beamwidth | 80° | |
| Gain | 0 dBd (omni) Will depend on mounting distance from mast. | |
| Impedance | 50Ω | |
| VSWR | <1.5:1 | |
| Maximum power | 150 W | |
| Connector type | N female + 3m of RG213 cable | |
| Lightning protection | DC grounded | |

* Other frequencies available upon request.

| Mechanical Characteristics | | |
|---------------------------------|--|--|
| Materials | Boom, 32 mm dia., aluminium Elements, 12 mm dia., aluminium Balun, fully moulded enclosure | |
| Dimensions LxWxD | 400 MHz: | 915 x 330 x 100 mm 36.0 x 13.0 x 3.9 in |
| Weight without bracket | 400 MHz: | 1.75 kg 3.9 lbs |
| Wind load @ 160 km/hr (100 mph) | 400 MHz: | 69 N 15.5 lbf |

| Mounting Options | |
|-----------------------------|---|
| Mounting bracket | 3202078/68 + 3201079/00 |
| Alternate mounting brackets | 0900912/00, 0302032/68, or 0300064/00 + U-bolts to match mounting pipe diameter. |

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.