

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.

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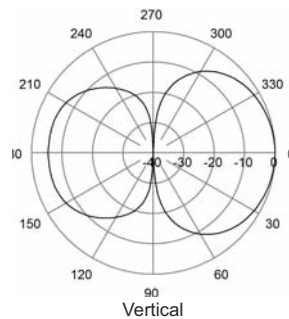
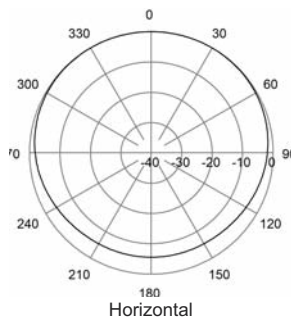
V-Pol or H-Pol | Center Fed Dipole | Variable Az | Variable Gain

Electrical Characteristics	
Frequency band	406-512 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

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.