

Shipboard MULTIPOL Antenna

Model D7061-L

The MULTIPOL™ Multiple Collinear Array concept has been specifically developed by TACO for ground-air-ground, air traffic control, and associated land or sea based communication applications. This omni directional concept employs a unique method of shielding the feed cables to improve radiation pattern characteristics. The MULTIPOL also has a high degree of isolation between discrete elements within a closely spaced array.



MODEL	VHF 115 - 175 MHz	UHF 225 - 400 MHz	GAIN (dBic)	# OF OUTPUTS	HPBW (°)	LENGTH	WEIGHT	COLOR	WIND AREA 0.5" RADIAL ICE
D7061-L	XXX	XXX	1.5	6	75°	216 INCHES (548.6 CM)	86 LBS. (39 KG)	BLACK	5.12 SQ. FT

x - denotes number of active elements
L - denotes lightning rod option

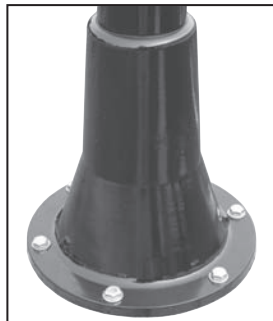
SPECIFICATIONS

ENVIRONMENTAL

- Built to military standards
- Rain, salt-fog, sand, dust and fungus to MIL-STD. 810A & B
- Temperature, barometric pressure and humidity to MIL-STD. 210 & 210A

ELECTRICAL

- Isolation > 20 dB
- Polarization Vertical
- Omni-directional +/- 1.0 Uniformity (azimuth)
- VSWR < 2.5:1
- Terminals "N" Female
- Terminal Impedance 50 Ohm
- Vertical Beam Deviation +/- 10 degrees
- Maximum Input Power 250 Watt VHF, 150 Watt UHF



BASE (TOP VIEW)



BASE (UNDERSIDE)

13"

TACO Communications' ongoing policy of continuing development may result in specification changes to its products.