



## Shipboard MULTIPOL Antennas

### Model D7061-L

### Model D7066-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 (dBi)	# OF OUTPUTS	HPBW (°)	LENGTH	WEIGHT	COLOR	WIND AREA 0.5" RADIAL ICE
D7061-L	XXX	XXX	2.0	6	75	216" (548cm)	86 Lbs (39 Kg)	Black	5.12 Sq. Ft.
D7066-L	-	XXXXXX	2.0	6	75	249.25" (633cm)	88 Lbs (39.9 Kg)	Black	6.13 Sq. Ft.



BASE (TOP VIEW)



BASE (UNDERSIDE)

## Specifications

### ENVIRONMENTAL

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

### 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

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

#### US AND INTERNATIONAL SALES AGENT

#### TACO Antenna Sales Rep

Tel: 717.975.0885  
Toll Free: 866.975.4433  
Fax: 717.763.0469  
Email: sales@tacoantenna.com  
Web Site: www.tacoantenna.com

#### CANADIAN SALES OFFICE

#### TACO Antenna

A division of Wade Antenna, Inc.  
29 Sharp Road,  
Brantford, Ontario, N3T 5L8, Canada  
Tel: 519.756.7157  
Fax: 519.756.5056  
cansales@tacoantenna.com