Shipboard Antenna Models

Our Muldipol line of VHF & UHF dipole antennas have been specifically developed for air traffic control, ground-to-air, ground-air-ground, and NAVAL applications.

TACO Antenna’s multiple output antenna design offers the operation of up to four stacked dipoles operating simultaneously within one radome.

Reliable
- Rugged lightweight construction
- Long-term life cycle results in cost savings
- Double clamp
- 3 year warranty

Reduce Footprint
- Multiple outputs
- Combination of VHF and UHF frequencies
- High isolation between antenna elements

Proven Performance
- Used by Navies around the world
- MIL-STD-810F
- Reduced installation time/cost
# PRODUCT SPECIFICATIONS

## Environmental
- Tested to MIL-STD810F
- Operating Temp -40° to 70°C (-40° to 158°F)

## Electrical
- Polarization Vertical
- Omni Directionality within 1 dB
- VSWR (max) 2:1
- Connector Type ‘N’ Female
- Impedance 50 Ohms
- VHF Applied Power 350W Continuous; UHF Applied Power 250W Continuous
- Vertical Beam Deviation ±10° (horizon)

### VHF FREQUENCIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NUMBER OF CONNECTORS</th>
<th>FREQUENCY (MHz)</th>
<th>GAIN (DBI)</th>
<th>ISOLATION MIN (DB)</th>
<th>HPBW (*)</th>
<th>CLAMP ID (IN)</th>
<th>LENGTH (IN/CM)</th>
<th>WEIGHT (LBS/KG)</th>
<th>COLOR</th>
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</thead>
<tbody>
<tr>
<td>D2212A-M2G</td>
<td>2</td>
<td>150-174</td>
<td>2.0</td>
<td>30</td>
<td>75</td>
<td>3</td>
<td>121.5/308.6</td>
<td>13/5.9</td>
<td>BATTLESHIP GREY</td>
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### UHF FREQUENCIES

<table>
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<th>MODEL</th>
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<th>FREQUENCY (MHz)</th>
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<th>ISOLATION MIN (DB)</th>
<th>HPBW (*)</th>
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<th>WEIGHT (LBS/KG)</th>
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<td>10.5/4.8</td>
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<td>168.2/427.2</td>
<td>18/8.2</td>
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### VHF/UHF FREQUENCIES

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<td>96.8/245.8</td>
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Please contact for all alternate application enquiries.