



Shipboard Antenna Models



Taco Antenna installed on the Queen Elizabeth



D2118-M2G

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

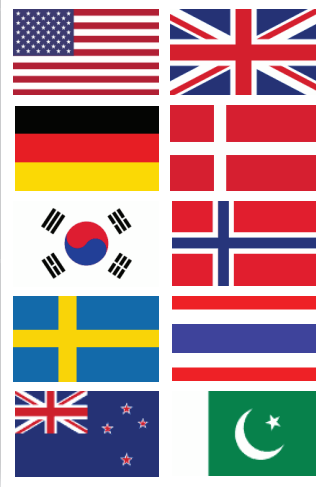
- Multiple outputs
- Combination of VHF and UHF frequencies
- High isolation between antenna elements

Proven Performance

- Used by Navies around the world
- MIL-STD-810F
- Reduced installation time/cost



Countries Served



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

| MODEL | NUMBER OF CONNECTORS | | | GAIN (DBI) | ISOLATION MIN (DB) | HPBW (°) | CLAMP ID (IN) | LENGTH (IN/CM) | WEIGHT (LBS/KG) | COLOR |
|------------|----------------------|--|--|------------|--------------------|----------|---------------|----------------|-----------------|-----------------|
| | FREQUENCY (MHz) | | | | | | | | | |
| | 150-174 | | | | | | | | | |
| D2212A-M2G | 2 | | | 2.0 | 30 | 75 | 3 | 121.5/308.6 | 13/5.9 | BATTLESHIP GREY |

UHF FREQUENCIES

| MODEL | NUMBER OF CONNECTORS | | | GAIN (DBI) | ISOLATION MIN (DB) | HPBW (°) | CLAMP ID (IN) | LENGTH (IN/CM) | WEIGHT (LBS/KG) | COLOR |
|-----------|----------------------|--|--|------------|--------------------|----------|---------------|----------------|-----------------|-----------------|
| | FREQUENCY (MHz) | | | | | | | | | |
| | 225-400 | | | | | | | | | |
| D2214-M2G | 2 | | | 2.0 | 30 | 75 | 3 | 84.3/214.1 | 10.5/4.8 | BATTLESHIP GREY |
| D2219-M2G | 3 | | | 2.0 | 30 | 75 | 3 | 121.5/308.6 | 13.5/6.1 | BATTLESHIP GREY |
| D2221-M2G | 4 | | | 2.0 | 30 | 75 | 3 | 168.2/427.2 | 18/8.2 | BATTLESHIP GREY |

VHF/UHF FREQUENCIES

| MODEL | NUMBER OF CONNECTORS | | | GAIN (DBI) | ISOLATION MIN (DB) | HPBW (°) | CLAMP ID (IN) | LENGTH (IN/CM) | WEIGHT (LBS/KG) | COLOR |
|-----------|----------------------|---------|---------|------------|--------------------|----------|---------------|----------------|-----------------|-----------------|
| | FREQUENCY (MHz) | | | | | | | | | |
| | VHF | | UHF | | | | | | | |
| | 108-174 | 116-150 | 225-400 | | | | | | | |
| D2118-M2G | | 1 | 2 | 2.0 | 30 | 75 | 3 | 114.3/290.3 | 13/5.9 | BATTLESHIP GREY |
| D2241-M2G | 1 | | 1 | 1.5 | 41 | 75 | 3 | 96.8/245.8 | 14/6.4 | BATTLESHIP GREY |

Please contact for all alternate application enquiries.