



TACO Antenna Installed on the Queen Elizabeth

SHIPBOARD ANTENNA MODELS

Our MULTIPOLTM line of VHF and 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
- Designed to meet MIL-STD-810G
- Reduced installation time/cost



Countries Served



D2118-M2G



SPECIFICATIONS

Environmental

- Designed to meet MIL-STD-810G
- Operating Temp. -40° to 70°C (-40° to 158°F)

Electrical

- Vertical Polarization
- Omni-directionality within 1 dB
- VSWR (max) 2:1
- Impedance 50 Ohms
- VHF Applied Power 350W
- UHF Applied Power 250W
- Vertical Beam Deviation $\pm 10^\circ$ (horizon)
- 'N' Female connector

VHF FREQUENCIES

Model	Number of Connectors		Gain (dBi)	Isolation Min (dB)	HPBW (°)	Mast OD (in)	Antenna Length (in/cm)	Antenna Weight (lbs/kg)	Color
	Frequency (MHz)								
		150-174							
D2212A-M2G		2	2.0	30	75	3	122.7/311.7	14.8/6.7	Battleship Grey*

UHF FREQUENCIES

Model	Number of Connectors		Gain (dBi)	Isolation Min (dB)	HPBW (°)	Mast OD (in)	Antenna Length (in/cm)	Antenna Weight (lbs/kg)	Color
	Frequency (MHz)								
	225-400								
D2214-M2G	2		2.0	30	75	3	85.4/216.9	10.5/4.8	Battleship Grey
D2219-M2G	3		2.0	30	75	3	122.7/311.7	16.0/7.3	Battleship Grey
D2221-M2G	4		2.0	30	75	3	169.4/430.3	19.0/8.6	Battleship Grey

VHF/UHF FREQUENCIES

Model	Number of Connectors		Gain (dBi)	Isolation Min (dB)	HPBW (°)	Mast OD (in)	Antenna Length (in/cm)	Antenna Weight (lbs/kg)	Color
	Frequency (MHz)								
	VHF	UHF							
	108-174	225-400							
D2241-M2G	1	1	2.0	41	75	3	97.9/248.7	14.5/6.6	Battleship Grey
D2318-M2G	1	2	2.0	30	75	3	115.4/293.1	15.0/6.8	Battleship Grey
D2418-M2G	2	1	2.0	30	75	3	169.4/430.3	18.0/8.2	Battleship Grey

*RAL Number 7012

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