



## Overview

Industry-leading antennas engineered for clarity, durability, and seamless integration.

Our shipboard antennas are trusted for mission-critical naval and maritime communications around the world. Built to withstand the harshest sea conditions. They deliver clear, uninterrupted performance when it matters most. Designed for easy integration across a wide range of platforms, these antennas support ground-air-ground, ship-to-ship, and ship-to-shore communications with proven reliability, ensuring consistent connectivity in even the most demanding environments.

## 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 ±10°(horizon)
- 'N' Female connector

## VHF Frequencies

| Model      | Number of Connectors |  | Gain<br>dBi | Isolation<br>Min<br>dB | HPBW<br>° | Mast OD<br>in | Length<br>in (cm) | Weight<br>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, Gloss finish (RAL 7046) |

## UHF Frequencies

| Model     | Number of Connectors |  | Gain<br>dBi | Isolation<br>Min<br>dB | HPBW<br>° | Mast OD<br>in | Length<br>in (cm) | Weight<br>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, Gloss finish (RAL 7046) |
| D2219-M2G | 3                    |  | 2.0         | 30                     | 75        | 3             | 122.7 (311.7)     | 16.0 (7.3)         | Battleship Grey, Gloss finish (RAL 7046) |
| D2221-M2G | 4                    |  | 2.0         | 30                     | 75        | 3             | 169.4 (430.3)     | 19.0 (8.6)         | Battleship Grey, Gloss finish (RAL 7046) |

## VHF / UHF Frequencies

| Model     | Number of Connectors |         | Gain<br>dBi | Isolation<br>Min<br>dB | HPBW<br>° | Mast OD<br>in | Length<br>in (cm) | Weight<br>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, Gloss finish (RAL 7046) |
| D2318-M2G | 1                    | 2       | 2.0         | 30                     | 75        | 3             | 115.4 (293.1)     | 15.0 (6.8)         | Battleship Grey, Gloss finish (RAL 7046) |
| D2418-M2G | 2                    | 1       | 2.0         | 30                     | 75        | 3             | 169.4 (430.3)     | 18.0 (8.2)         | Battleship Grey, Gloss finish (RAL 7046) |