

# VHF/UHF Broadband Communications Antenna System

The Valcom VMB-3512-N is a rugged VHF/UHF whip antenna with 30–512 MHz coverage, 100W power handling, and high-voltage isolation—ideal for shipboard use and fast, tool-free setup.



## **BROADBAND COVERAGE**

Operates from 30 – 512 MHz with no tuner required



## **POWER HANDLING**

Supports up to 100W average RF power



## **LIGHTNING PROTECTION**

20 kVrms top and 10 kVrms lower element protection per MIL-STD-202



## **SHIPBOARD ANTENNAS**

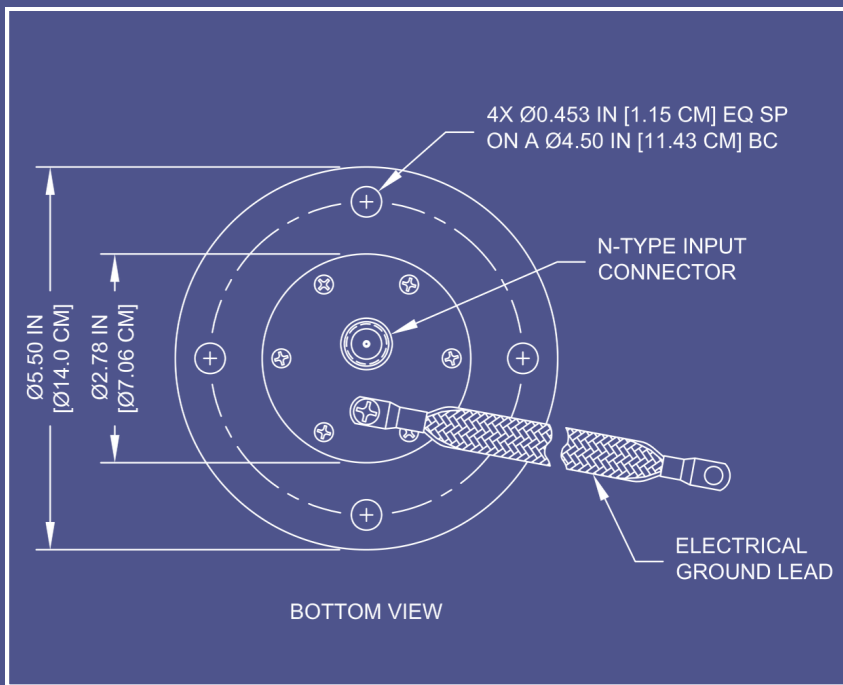
Specifically designed for shipboard use



## **VMB-3512-N**

VHF/UHF Broadband Communications Antenna System

*NSN: 5985-01-608-5078*



## KEY CHARACTERISTICS

### VMB-3512-N

Frequency Range (no tuner) 30 – 512 MHz

Power 0.1 KW

Height 141 in

Weight 11 lbs

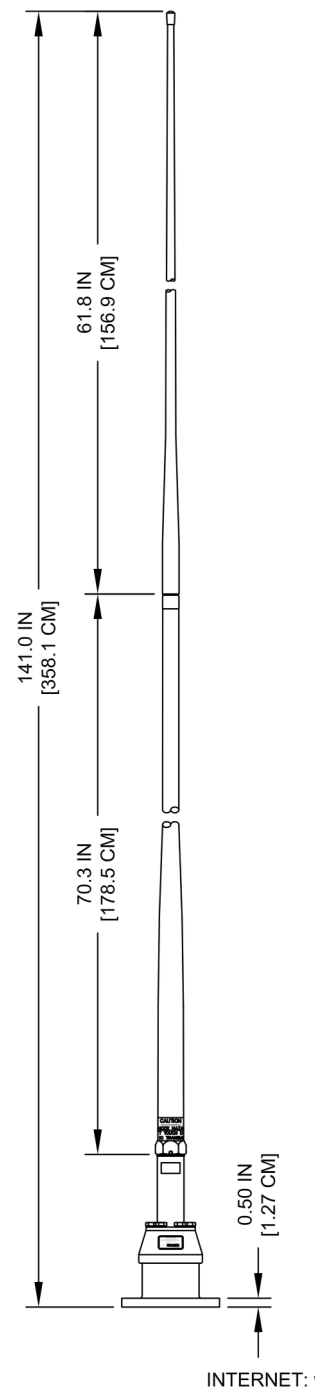
VSWR 3.5:1 maximum

Polarization Vertical

Azimuth Coverage Omnidirectional

Integral Base / Insulator Epoxy Fiberglass

*The VMB-3512-N is a flexible fiberglass whip antenna delivering reliable VHF/UHF performance in tough marine and tactical environments.*



## IDEAL FOR:

- Multi-band VHF/UHF military applications
- Areas with potential for electrical hazards
- High-wind and extreme temperature environments