

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR HIGH FREQUENCY

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## **16 ft Marine Whip VMA-16**

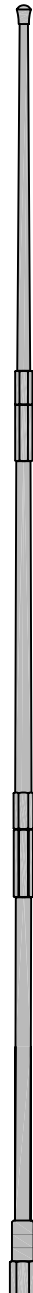
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THE VALCOM MODEL VMA-16 IS A 16-FOOT, HF TACTICAL WHIP ANTENNA. THE VMA-16 OPERATES IN THE 2 TO 27 MHz. THE VMA-16 IS DESIGNED TO WITHSTAND THE HARSH CONDITIONS CHARACTERISTIC TO SHIPBOARD ENVIRONMENTS.

IT IS CONSTRUCTED IN THREE SECTIONS WHICH THREAD TOGETHER TO FORM THE WHOLE WHIP. EACH SECTION IS CONSTRUCTED OF LONGITUDINALLY AND CIRCUMFERENTIALLY WOUND FIBREGLASS FILAMENTS HELD TOGETHER WITH A RESIN SUBSTRATE.

**FEATURES:**

- MINIMUM MAINTENANCE
- HIGH RELIABILITY
- SHIPBOARD APPLICATIONS
- LIGHTWEIGHT
- WEATHERPROOF



# QUICK REFERENCE DATA

## VMA-16

### ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	2 – 27 MHz
POLARIZATION	VERTICAL
POWER RATING	500 W
AZIMUTH COVERAGE	OMNIDIRECTIONAL $\pm 3$ dB

### MECHANICAL CHARACTERISTICS

ANTENNA OVERALL LENGTH	16 FT $\pm$ 1 IN (10.69 M $\pm$ 2.54 CM)
ANTENNA WEIGHT	4.5 LBS (2.0 KG)
MOUNT	M24x2 THREADS BY 1-1/2" LONG
FINISH	EPOXY POLYAMIDE, COLOUR WHITE

### ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE	-50°C TO 65°C (-60°F TO 150°F)
RELATIVE HUMIDITY	0-100%
VIBRATION	MIL-STD-167-1 TYPE 1
WIND VELOCITY	140 MPH (224 KPH)
ICE LOADING	4.5 LBS/SQ FT (22 KG/SQ M)
SHOCK	MIL-S-901 GRADE A

NOTE:

1. DO NOT USE LEAD BASE PAINT TO TOUCH-UP OR REPAINT ANTENNA

