

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR HIGH FREQUENCY

16 ft Marine Whip VMA-16

THE VALCOM MODEL VMA-16 IS A 16-FOOT, HF TACTICAL WHIP ANTENNA. THE VMA-16 OPERATES IN THE 1.5 TO 30 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 | 1.5 – 30 MHz |
| POLARIZATION | VERTICAL |
| POWER RATING | 500 W |
| AZIMUTH COVERAGE | OMNIDIRECTIONAL ± 3 dB |

MECHANICAL CHARACTERISTICS

| | |
|------------------------|--|
| ANTENNA OVERALL LENGTH | 16.27 FT \pm 1 IN (4.96 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

