



## VHF-162 10dB AIS Antenna

Part No.: 9336 (UPS)

The model VHF-162 10dB antenna has six full-length  $\frac{1}{2}$  wave sections fed in phase with no dielectric losses. Like all Morad Antennas, the VHF-162 10dB is designed for optimum performance under severe weather and vibration conditions. All external radiating surfaces are anodized aluminum or stainless steel. All aluminum sections are then painted with a high-gloss powder coat. The fiberglass sections are painted with a high-gloss polyurethane white marine paint.

The VHF-162 10dB is base fed through a PL-259 UHF connector and 50-ohm coaxial cable. It has an O-ring seal to protect the coax cable from moisture intrusion. Sections are permanently joined and sealed to guard against the most severe marine environment. The UPS-shippable version has one field joint to be made at its midpoint using the supplied epoxy kit.

The decoupling sleeve at the base of the antenna is critically tuned at the factory to virtually eliminate unwanted energy on the transmission line.

Band	VHF Marine / AIS
Antenna Gain / Pattern	10 dB / Omnidirectional
SWR	Less than 1.5 to 1 @ 162 MHz (center freq.)
Transmitting Frequency Range	160.4 to 163.6 Mhz
Construction	Aluminum tube, Stainless Steel Tip
Coating/Color Finish	Powder Coated (White)
Base connector	S0239 (connects to PL259)
Power / Impedance	100 Watts max. / 50 Ohms
Wind Survival	100 mph
Mounting	Side mount with M9 pair(s)
Dimensions	214"H x 1-5/8" dia. (UPS shipping 108" max.) 15 lbs. (19 lb. shipping)