

Tri-Band Omnidirectional Antenna



The MADP150-450-816 marine tri-band antenna is designed to be used in commercial, military, private and other craft where reliability is needed most. This antenna works with all radios within the 136-174, 380-520, 762-960 MHz bands.

Being “ground independent”, this antenna can be used on all types of vehicles or vessels (metal or non-metal) with no degradation in performance.

The radiator elements are designed for maximum durability and performance. The antenna radiator is sealed in a heavy duty fiberglass radome for mechanical stability and reliability in harsh environments.

- **Tri-Band Performance in Single Antenna**
- **Ground Plane Independent**
- **Main Beam at Horizon**
- **Single Input**
- **Space Economy**
- **Simplified Installation**
- **Designed to Withstand All Maritime Environments for Shipboard Applications**



Tri-Band Omnidirectional Antenna Specifications

ELECTRICAL:

Frequency Range: 136-174 MHz
380-520 MHz
762-960 MHz

Gain: Unity ~ 2.0 dBi

VSWR: 2.5:1 Operational
< 3.0:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 100 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 72°

Input Connector: Type N Female Pigtail

MECHANICAL:

Overall Height: 36 in. (0.91 m)

Radome Diameter: 2 in. (51 mm)

Maximum Wind Load: 150 mph (241 kph)

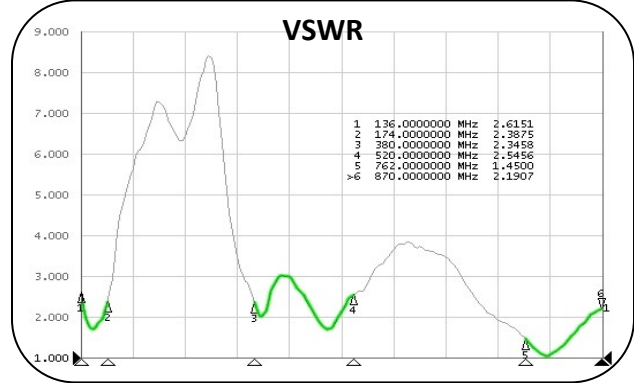
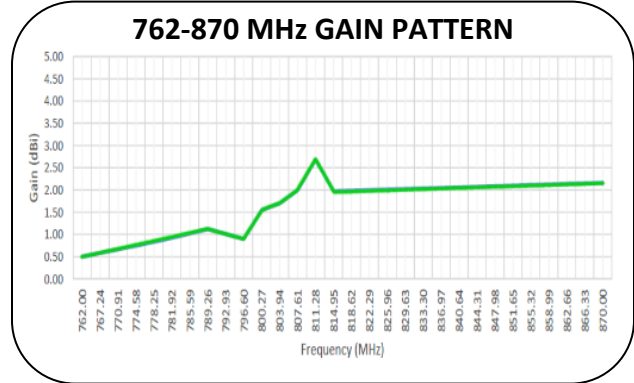
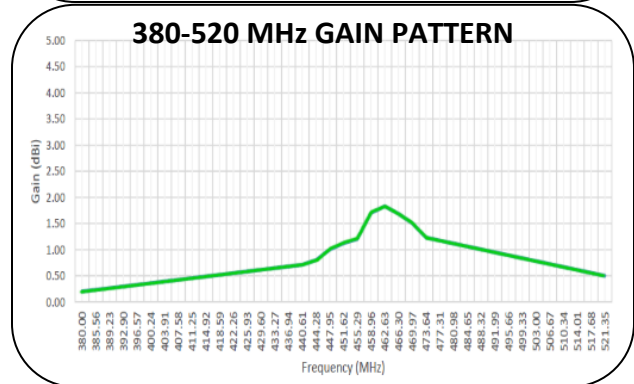
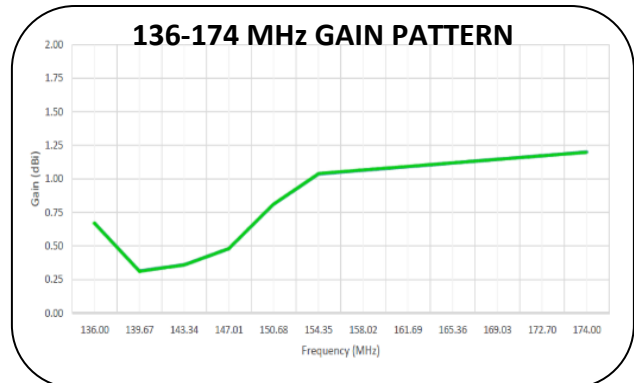
Net Weight: 3.5 lb. (1.5 kg)

Operational Temps: -40° to +185°F
(-40° to +85°C)

Color: Black/Green/Tan/Grey/White

Environmental to Shipboard: Yes

Mounting: 1"-14 Female Thread



**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



Made in the USA
ISO 9001:2008 Certified
(1Y20850)

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