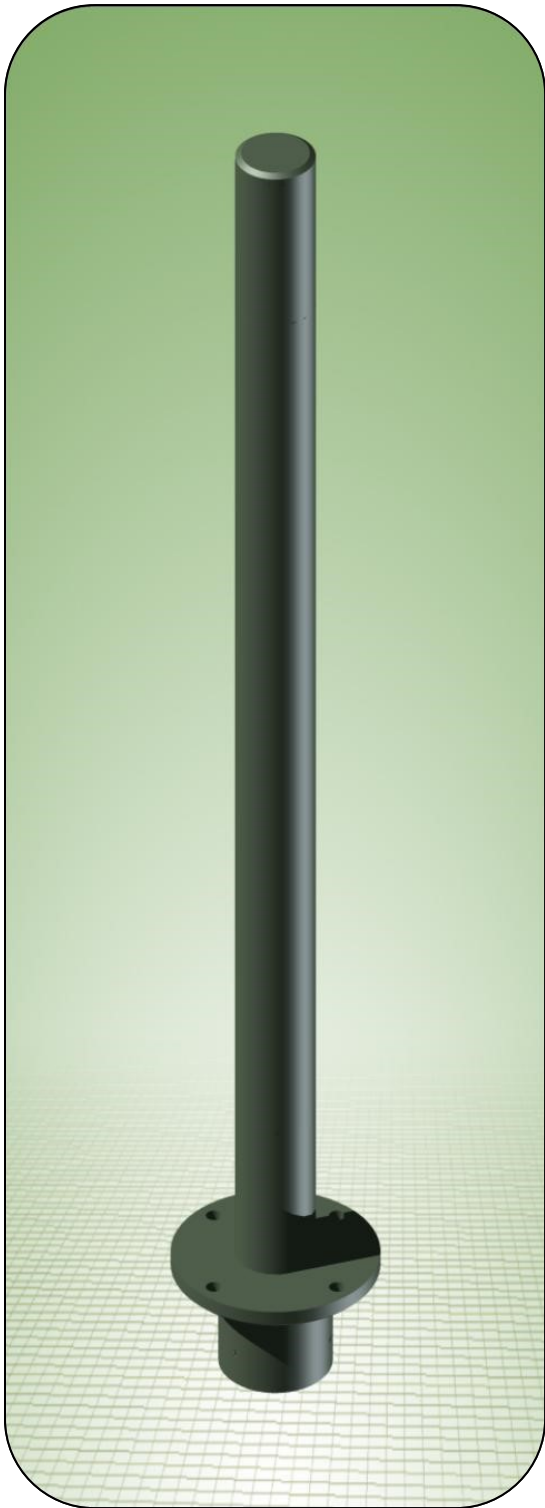


Marine Broadband Antenna



The MADP100X5 broadband antenna is designed to be used with military, private or commercial applications where reliability is needed most. This antenna works with all radios within the 100-512 MHz band.

The antenna has a band pass covering 100-512 MHz with a single input, at a power level of 75 Watts. A VSWR of less than 2.5:1 throughout most of the band provides an efficient match to all modern military transceivers.

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

Robust and tough, this antenna is housed in a thick fiberglass radome and is constructed from corrosion resistant materials for reliability in the harshest environments including high winds, rain and snow.

- **Broadband**
- **100-512 MHz Continuous**
- **75 Watts**
- **Low VSWR**
- **Ground Independent**
- **Robust Construction**



Marine Broadband Antenna

Specifications

ELECTRICAL:

Frequency Range: 100-512 MHz

Gain: 5 dBi @ 116 MHz
3 dBi @ 512 MHz

VSWR: 2.5:1 Typical

Input Impedance: 50 Ω Nominal

Power: 75 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 90°

Input Connector: Type N Female

MECHANICAL:

Overall Height: 40 in. (1.02 m)

Net Weight: 7 lb. (3.18 kg)

Color: Black/Green/Tan/Grey

Mounting: NATO Standard Four .5" (12.7mm) Holes, equally spaced on a 4.5" (114.3 mm) Dia. BHC

Operational Temp: -40° to 104° F (-40° to 40° C)

Storage Temp: -44° to 122° F (-42° to 50° C)

Wind Load: 120 Mph(193 Kph)

Lightning Protection: DC Grounded

Built to Meet MIL-STD-810 F

**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.

