

# COMMERCIAL AIS ANTENNA

HEAVY DUTY GRP ANTENNA FOR AIS - SKU 001-1040



See, be seen, be **safe** at sea

## AIS-COM COMMERCIAL AIS ANTENNA

- Omnidirectional
- Designed for AIS
- Rugged GRP Tube
- Closed cell foam and expoy resin sealed
- Supplied complete with 2 mast clamps
- Watertight

## OVERVIEW

This omni-directional antenna has been specifically designed so that the user can dedicate one antenna for the narrowband frequency specified for AIS (Automatic Identification System). Using a dedicated antenna helps to eliminate interference from nearby VHF channels.

## SPECIAL FEATURES

- Rugged, heavy duty construction
- Watertight

## APPLICATIONS

- Installation on board commercial vessels
- Shoreside monitoring stations where a rugged AIS antenna is critical

## RELATED PRODUCTS & SYSTEMS

- GPA-AIS Base Station Antenna with Ground Plane
- AIS-MAST Masthead Antenna, Stainless Steel Whip
- AG100 GPS Antenna with integrated amplifier

SKU 001-1041  
SKU 001-1045  
SKU 001-1030



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# SPECIFICATIONS

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## PHYSICAL

- Weight: 1.6 kg
- Dimensions: L 1.6 m
- Mounting: Mast Clamps
- Connections: 1m of RG-213 cable fitted with N jack
- Sections: 1
- Construction: GRP
- Finish: White

## ELECTRICAL

- Antenna Impedance: 50  $\Omega$

## OPERATIONAL

- Frequency Range: 161.975 - 162.025 MHz
- Gain: Unity
- VSWR: <1.5:1 at resonance

## ENVIRONMENTAL

- IP rating: IP67
- Operating temp: -15°C to +55°C
- Compass: Safe Distance 50 cm

## ADDITIONAL INFORMATION

- Supplied: MDM 207 Mast Clamps x2