

 PREVIOUSLY KNOWN AS THE AIS-COM



#### ANTENNAS & AERIALS

# AV400 HEAVY DUTY COMMERCIAL GRP ANTENNA

SKU: 001-1040

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## 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.

## APPLICATIONS

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

## RELATED PRODUCTS

[AV300](#) - Fibreglass VHF Antenna

[AG100](#) - GPS auxiliary antenna

## FEATURES

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

## PHYSICAL

<b>Weight:</b>	1.6 kg
<b>Dimensions:</b>	L 1.6 m
<b>Mounting:</b>	Mast Clamps
<b>Construction:</b>	GRP
<b>Finish:</b>	White
<b>Sections:</b>	1

## ELECTRICAL

<b>Antenna Impedance:</b>	50 $\Omega$
<b>Cable:</b>	1m of RG-213 cable
<b>Connections:</b>	N jack

## OPERATIONAL

<b>Frequency range:</b>	161.975 - 162.025 MHz
<b>Gain:</b>	3dBi
<b>VSWR:</b>	<1.5:1 at resonance

## ENVIRONMENTAL

<b>IP Rating:</b>	IP67
<b>Operating Temp:</b>	-15°C to +55°C
<b>Compass:</b>	Safe Distance 50 cm

## ADDITIONAL

<b>Supplied:</b>	x2 MDM 207 Mast Clamps
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