

 PREVIOUSLY KNOWN AS THE AIS-COM

## ANTENNAS &amp; AERIALS

# AV400 HEAVY DUTY COMMERCIAL GRP ANTENNA

SKU: COM-0019

## 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

|               |             |
|---------------|-------------|
| Weight:       | 1.6 kg      |
| Dimensions:   | L 1.6 m     |
| Mounting:     | Mast Clamps |
| Construction: | GRP         |
| Finish:       | White       |
| Sections:     | 1           |

## ELECTRICAL

|                    |                    |
|--------------------|--------------------|
| Antenna Impedance: | 50 $\Omega$        |
| Cable:             | 1m of RG-213 cable |
| Connections:       | N jack             |

## OPERATIONAL

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

## ENVIRONMENTAL

|                 |                     |
|-----------------|---------------------|
| IP Rating:      | IP67                |
| Operating Temp: | -15°C to +55°C      |
| Compass:        | Safe Distance 50 cm |

## ADDITIONAL

|           |                        |
|-----------|------------------------|
| Supplied: | x2 MDM 207 Mast Clamps |
|-----------|------------------------|



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