

 PREVIOUSLY KNOWN AS THE AIS-MAST

ANTENNAS & AERIALS

AV100 STAINLESS STEEL WHIP ANTENNA

SKU: 001-1045

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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 leisure and commercial vessels

RELATED PRODUCTS

[AV300](#) - Fibreglass VHF Antenna[AV400](#) - Commercial Antenna for AIS[AG100](#) - GPS Antenna

FEATURES

- **Omnidirectional**
- **Fits to Mast**
- **Designed for AIS**
- **Rugged stainless steel**
- **Lightweight with low windage**
- **Supplied complete with bracket and cable**
- **Watertight**

PHYSICAL

Weight:	200 g (with bracket)
Dimensions:	L 0.93 m
Mounting:	Mast Clamp, 150 mm, cranked aluminium
Construction:	Stainless steel
Sections:	1

ELECTRICAL

Antenna Impedance:	50 Ω
Cable:	20 m of RG58 cable
Connections:	PL259 plug connector

OPERATIONAL

Frequency range:	161.975 - 162.025 MHz
Gain:	Unity
VSWR:	<1.5:1 at resonance
Bandwidth:	+/- 5% @ 2:1

ENVIRONMENTAL

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

ADDITIONAL

Supplied:	Mast Clamp
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