

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

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

OPERATIONAL	
Frequency range:	161.975 - 162.025 MHz
Gain:	3dBi
VSWR:	<1.5:1 at resonance
Bandwidth:	+/- 5% @ 2:1

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

ADDITIONAL	
Supplied:	Mast Clamp



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