

4' AIS ANTENNAS



4.5 dB GAIN

500 GOLD | 800 SERIES | 900 SERIES



In conjunction with the USCG Automatic Identification System (AIS) requirements for commercial vessels, Digital Antenna created a series of 4' AIS antennas that meet the exacting AIS frequency requirements. Designed with a low 1.5:1.0 SWR ratio from 159-162 MHz, Digital Antenna's 4.5 dB gain AIS antennas offer unsurpassed durability and performance compatible with all AIS transponders.

Easy Installation 500 GOLD series

Customers and installers love the 500 Series' easy installation connector system. GOLD factory attached mini-UHF female connector with PL-259 (UHF) adapter makes connecting to the AIS transponder easy, eliminating the need to solder connectors.

All AIS Antennas Feature:

- Powerful brass radiators.
- Soldered connections.
- Power directing ferrite choke bead.
- High gloss urethane finish.

Hand-assembled and tuned for maximum gain.

500 GOLD Series: 578-SW | 578-SB

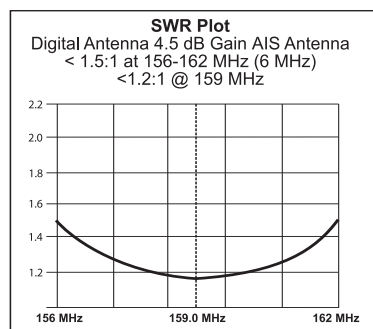
- Mount:** Standard 1"-14 threaded base.
- Connector:** GOLD Factory-attached mini-UHF female with mini-UHF male to UHF male (PL259) adapter..
- Cable:** Includes 25' exclusive low-loss, tinned braid, foil shielded, UV stable RG-8X marine cable.

800 Series: 876-SW | 876-SB

- Mount:** Stainless steel double female ferrule for mounting 1"-14 threaded base.
- Connector:** Quality female SO-239 (UHF female).
- Cable:** Not included – use Digital Antenna's PowerMax™ Cable.

900 Series: 974-SW | 974-SB

- Mount:** Stainless steel brackets included for bulkhead, flat or mast/tube mounting.
- Connector:** Quality female SO-239 (UHF female).
- Cable:** Not included – use Digital Antenna's PowerMax™ Cable.



Product Technical Specifications

Radiation Pattern	Omni-Directional
Gain	4.5 dBi
VSWR	<math>< 1.5:1</math> = 156-162 MHz (6 MHz)
Impedance	50 ohms
Max input power	100 watts
Dimensions	4' l x 1" tapered OD
Exterior finish	White, UV stable poly-urethane coating
Ferrule	316 Stainless Steel
Wind rating	125 mph
Cable (500 Series)	25' exclusive RG-8X
RF Connector (500 Series)	Mini-UHF female with mini-UHF male to UHF male adapter (PL259)
RF connector (800 & 900 Series)	SO-239 (UHF female)
Installation (500 Series)	1"-14 female threads
Installation (800 Series)	1"-14 threaded double female ferrule
Installation (900 Series)	Stainless steel brackets for flat or mast mounting



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