

# 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

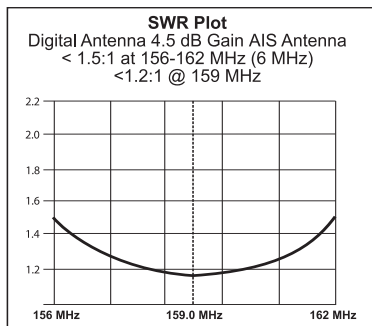
- Mount:** Standard 1"-14 threaded base.
- Connector:** GOLD Factory-attached mini-UHF female with mini-UHF male to UHF male (PL259) adapter..
- Cable:** Includes 25' exclusive low-loss, tinned braid, foil shielded, UV stable RG-8X marine cable.

### 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

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



Digital Antenna, Inc.  
www.digitalantenna.com

5325 NW 108th Avenue  
Sunrise, FL 33351

▶ t 954.747.7022  
▶ f 954.747.7088