

Thank you for purchasing a Shakespeare antenna product. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

IMPORTANT! Please read all instructions before installing.

The Style 5230 is a Galaxy® Series 5/8-wave over 1/2-wave dipole VHF marine antenna, of 14' (4.2 m) overall length. It is supplied in two sections and comes with 20' of RG-8X low-loss coax cable.

Tools required: Soldering iron (40-watt min., 75 watt max.), resin core solder, pocket knife, wire cutters.

Installation Instructions

Choose a mounting location that is as high as possible, as free as possible from obstructions, and as far as possible from other antennas but within reach of the cable supplied.

1. Thread the antenna's TIP section onto its BASE section and hand-tighten securely. When properly installed, the ferrule on the TIP section will completely cover the threaded portion of the BASE section's ferrule.
2. Mount the antenna using a Shakespeare Style 409-R or 410-R Mounting Kit (each sold separately). Follow the instructions included with the mount you choose.

WARNING: AN UPPER SUPPORT BRACKET MUST BE USED WITH THIS ANTENNA!

3. Route the cable to your transceiver, keeping it as far as possible from other electrical equipment and cables. Any excess cable should be rolled in a coil of at least 8" diameter and stowed in an out-of-the-way place, away from other electrical cabling.
4. Install the PL-259 connector according to the instructions packed with the connector.

This antenna requires no external or internal ground system, and works equally well on fiberglass, wood, or metal boats.

Cleaning Instructions

To clean the mount or antenna, use mild dishwashing liquid (one that is not harsh to the hands, and *without ammonia*) in lukewarm water.

- Supplied Parts**
- 1 Antenna assembly
 - 1 PL-259 connector with instructions
 - 1 Grommet plug (see Tech Tips)

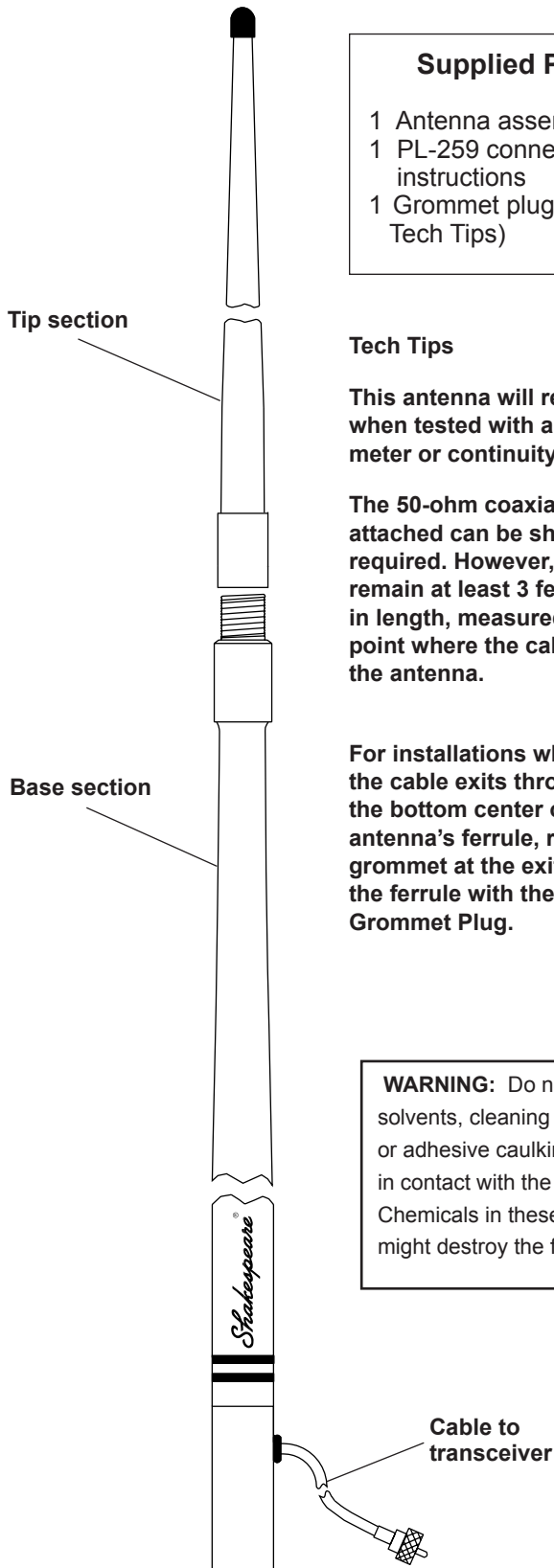
Tech Tips

This antenna will read "open" when tested with an ohm meter or continuity tester.

The 50-ohm coaxial cable attached can be shortened as required. However, it should remain at least 3 feet (0.9 m) in length, measured from the point where the cable exits the antenna.

For installations where the cable exits through the bottom center of the antenna's ferrule, replace the grommet at the exit hole in the ferrule with the supplied Grommet Plug.

WARNING: Do not let paint solvents, cleaning solvents, or adhesive caulking come in contact with the antenna. Chemicals in these materials might destroy the finish.



Shakespeare Electronic Products Group

U.S. Operations: 6111 Shakespeare Rd. · Columbia, SC 29223 · 803-227-1590 · Fax: 803-419-3099 · www.shakespeare-marine.com
 U.K. Operations: Enterprise Way, Fleetwood, Lancashire, FY7 8RY, England · +44 (0) 1253 858787 · Fax: +44 (0) 1253-859595 · www.vtronix-antennas.com