

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 4018 is an NMEA award winning VHF marine antenna of 19' (5.8 m) length, with phased 1/2-wave elements stacked in a collinear array with a choking stub to suppress cable radiation. The antenna is in two sections.

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

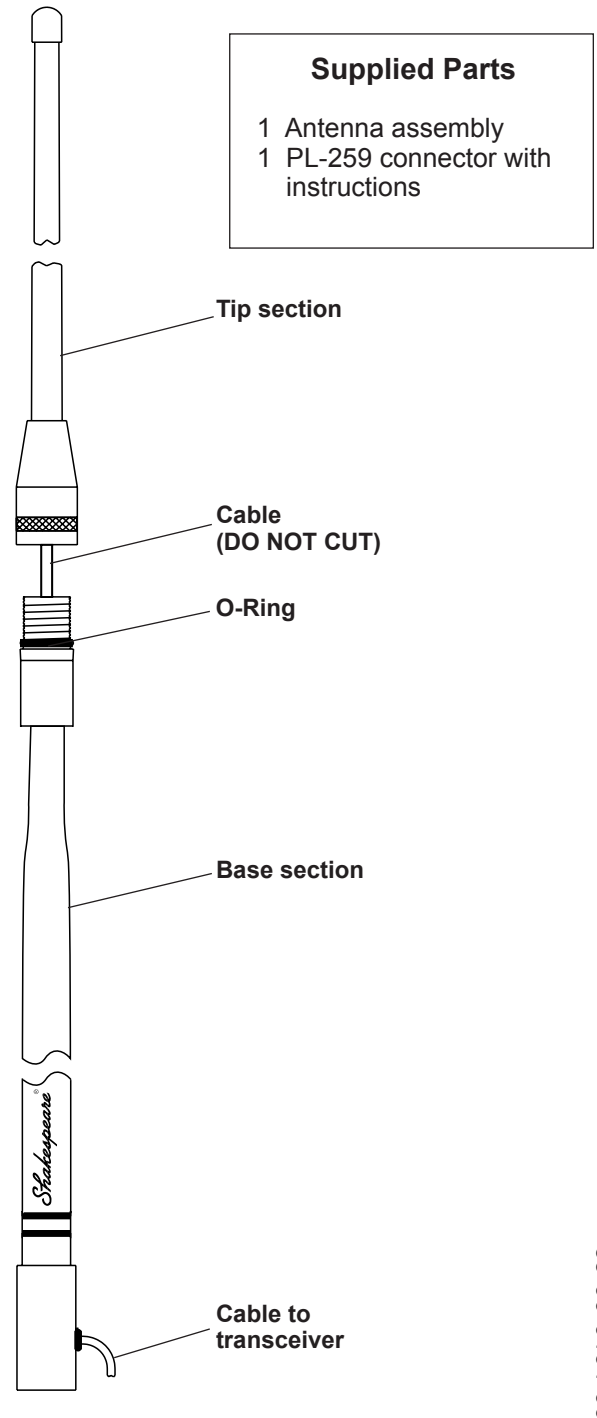
**Installation Instructions**

Choose a mounting location that is as high as possible, as free as possible from obstructions, and as far as possible from other antennas.

1. Remove the tape that holds the tip section of the antenna to the base section during shipping.
2. Swing the tip section up and over the base section so the two sections are in line. As you lower the tip to the base section, an elastic band inside the tip will pull any excess cable up into the tip. **DO NOT CUT THIS CABLE.**
3. Inspect the O-ring seal to be sure it is seated in the bottom groove of the base section's upper ferrule. Thread the tip section onto the base section's upper ferrule and hand tighten.
4. Use a Style 410-R Mounting Kit with fold-down base and stand-off upper bracket (sold separately) to install the antenna on your boat. Follow the instructions included with the mount you choose. Note: Install the stand-off bracket at least 3 to 5 feet above the antenna's base, where possible.
5. 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. Install the PL-259 connector (supplied) 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.

**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.



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**Shakespeare Electronic Products Group**

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