

IMPORTANT! Please read all instructions before installing.

Thank you for purchasing a Shakespeare antenna product. Shakespeare works hard to build reliability and durability into all of its products for maximum customer satisfaction.

The 5309-R is a Galaxy® Series marine VHF antenna of 23' overall length, with phased 1/2-wave elements stacked in a collinear array with a choking sleeve to suppress cable radiation. The antenna is in two-sections Use Shakespeare 409 or 410 Mounting kit (not included) for deck or side mounting.

TOOLS REQUIRED:

- Soldering iron (40-watt min., 75 watt max.)
- Resin core solder
- Pocket knife
- Wire cutter

INSTALLATION INSTRUCTIONS

Choose a mounting location that is as free as possible from obstructions.

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 410 mounting hardware (not supplied) with fold down base and stand-off upper bracket to install the antenna on your boat. *Note: Install the standoff bracket at least 4 feet above the antenna's base, where possible.* Instructions for installing the mounts are included with the mounting kits.
5. Route the cable to your radio and install the connector (supplied).

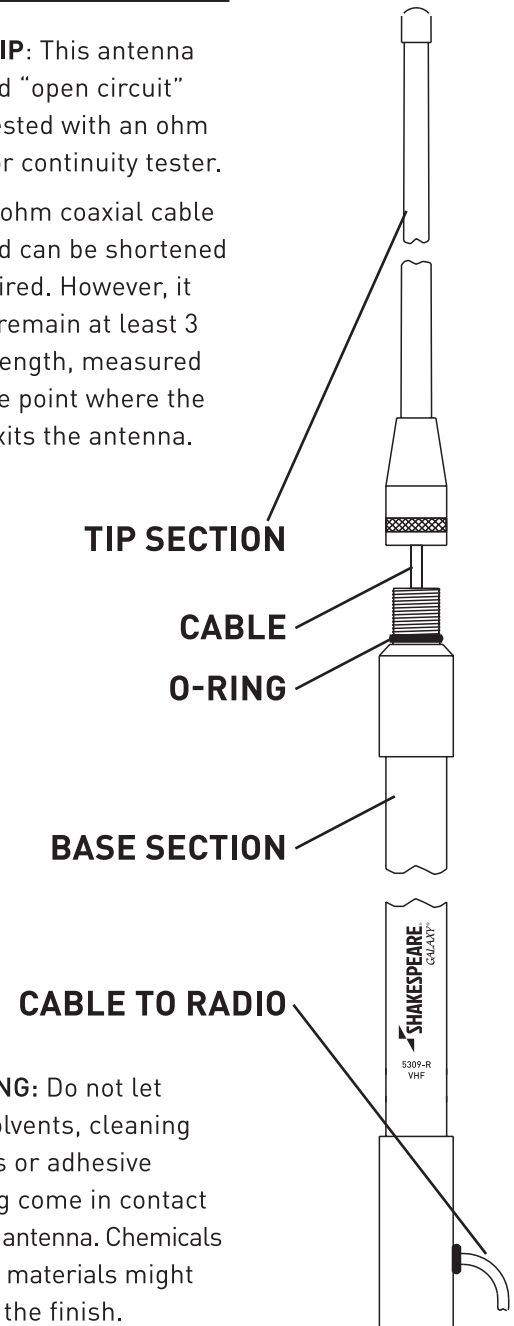
CLEANING INSTRUCTIONS

To clean the antenna, use mild dish washing 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 Easy Route PL-259 Connector

TECH TIP: This antenna will read "open circuit" 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 in length, measured from the point where the cable exits the antenna.



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.