

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 6235-R is a Phase III® series, 530-16400 KHz and 88-108 MHz AM/FM Entertainment Brand antenna with stainless steel ferrules and a female "N" connector. The antenna is 8.5" overall length, including the 1"-14 thread adapter. The design of the Phase III antenna series facilitates mounting to a mast or attachment to a standard marine mount.

TOOLS REQUIRED:

- Screwdriver
- Drill
- Drill bits sized according to cable
- Wrench

Other tools or supplies that are appropriate to your specific application may also be needed.

SUPPLIED PARTS:

- 1 Antenna assembly
- 1 1"-14 thread adapter
- 1 Rubber O-ring
- 1 Coupling nut
- 1 20' RG-62 coax cable with Type "N" Connector and Motorola type plug installed

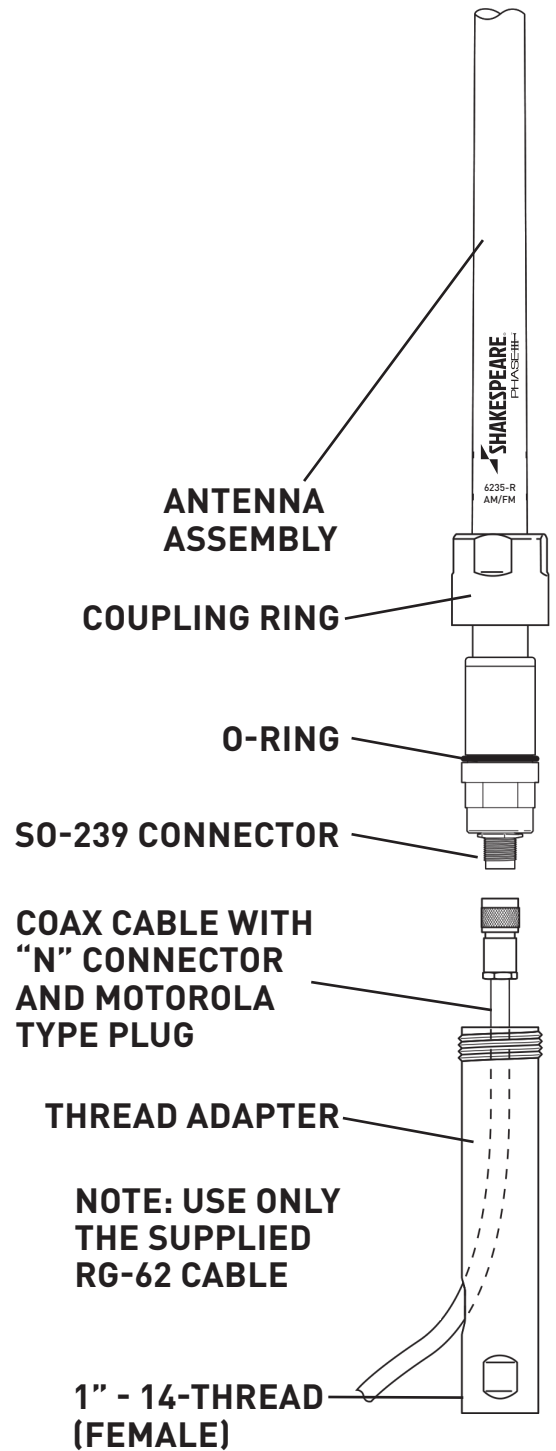
ADDITIONAL REQUIRED MATERIALS:

- U-bolts, Stainless steel strapping and appropriate hardware, if mounting the antenna to a mast
- Coax extension kit, if needed to lengthen the included cable

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.

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® MARINE
www.shakespeare-marine.com

U.S. Operations: 6111 Shakespeare Rd. · Columbia, SC 29223 · 803-227-1590 · 800-845-7750

U.K. Operations: Enterprise Way, Fleetwood, Lancashire, FY7 8RY, England · +44 (0) 1253 858787 · Fax: +44 (0) 1253-859595

INSTALLATION INSTRUCTIONS

SELECT A LOCATION FOR THE ANTENNA

Choose a location that is as high as feasible, as free as practical from obstructions, and as far as possible from other antennas and strong sources of RF. This antenna is supplied with 20' of RG-62 coax cable, which can be lengthened if necessary by using appropriate extension cables such as Shakespeare 4352 10' Extension Cable Kit (sold separately).

HOW TO MOUNT THE ANTENNA TO A DECK OR BULK-HEAD, USING A MARINE MOUNT

This antenna can be mounted self supporting only if you are using the recommended Shakespeare 4187-HD stainless steel ratchet mount (sold separately). Use the 1"-14 thread adapter (supplied) to attach the antenna to the mount. The slot in the side of the thread adapter will accommodate up to RG-213 size coax cable.

ASSEMBLE THE ANTENNA SECTIONS AS FOLLOWS:

1. Bolt the mount to the deck or bulkhead according to the directions included with the mount you choose. Be sure to heed any cautions, included with the antenna mount, regarding drilling fiberglass surfaces.
2. Thread the 1"-14 thread adapter onto the mount and hand tighten.
3. Feed the coax through the slot in the side of the thread adapter or through the bottom and through the hole in your antenna mount, if one is provided.
4. Attach the "N" connector on the included coax cable to the base of the antenna and tighten it securely. Note: Use only the supplied RG-62 cable.
5. Place the rubber O-ring in the groove on the antenna ferrule.
6. Seat the antenna ferrule on top of the 1"-14 thread adapter and tighten the

coupling ring securely. The adapter has special facets to prevent the antenna from rotating once the coupling ring has been tightened.

HOW TO MOUNT THE ANTENNA TO A MAST:

1. Feed the coax through the slot in the side of the thread adapter or through its bottom.
2. Attach the Type "N" connector on the included coax cable to the base of the antenna and tighten securely.
3. Strap the thread adapter to the mast using stainless steel U-bolts, a mast mounting device, or strapping and appropriate hardware (not supplied).
4. Place the rubber O-ring in the groove on the antenna ferrule.
5. Seat the antenna ferrule on top of the thread adapter and tighten the coupling ring securely. The adapter has special facets to prevent the antenna from rotating once the coupling ring has been tightened.

COMPLETING THE INSTALLATION

1. Route the coaxial cable to your radio, keeping it as far as possible from other electrical equipment and cables.
2. Connect the Motorola type plug to your radio's antenna port

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