

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 5228-4 is a Galaxy® Heavy Duty Extension Mast of 1½" diameter and 4' (1.2 m) length for heavy-duty applications.

**Tools required:** None.

**Installation Instructions**

Choose a mounting location appropriate to the device you will attach to the extension mast. Be sure to follow mounting location suggestions included with the device.

For antennas, the recommended mount is Shakespeare's Style 409-R or 410-R Mounting kit (each sold separately). Attach the extension mast to the antenna before mounting the antenna.

1. Thread the antenna's or device's cable through the Extension Mast and through the nylon bushing on the extension's bottom ferrule, if required.
2. Attach the antenna to the Extension Mast and hand tighten securely. Be careful not to damage or strain the cable.
3. Mount the mast and antenna/device assembly using a Shakespeare 409-R or Style 410-R Mounting Kit (each sold separately) according to the directions included with the mount you choose.

**IMPORTANT:** If using the extension mast results in more than a 10' (3 m) antenna/mast assembly, DO NOT use a ratchet type mount - you MUST use an upper support bracket such as Shakespeare Style 408-R (sold separately), mounted at least 3 to 5 feet (.9 m to 1.5 m) from the bottom of the antenna.

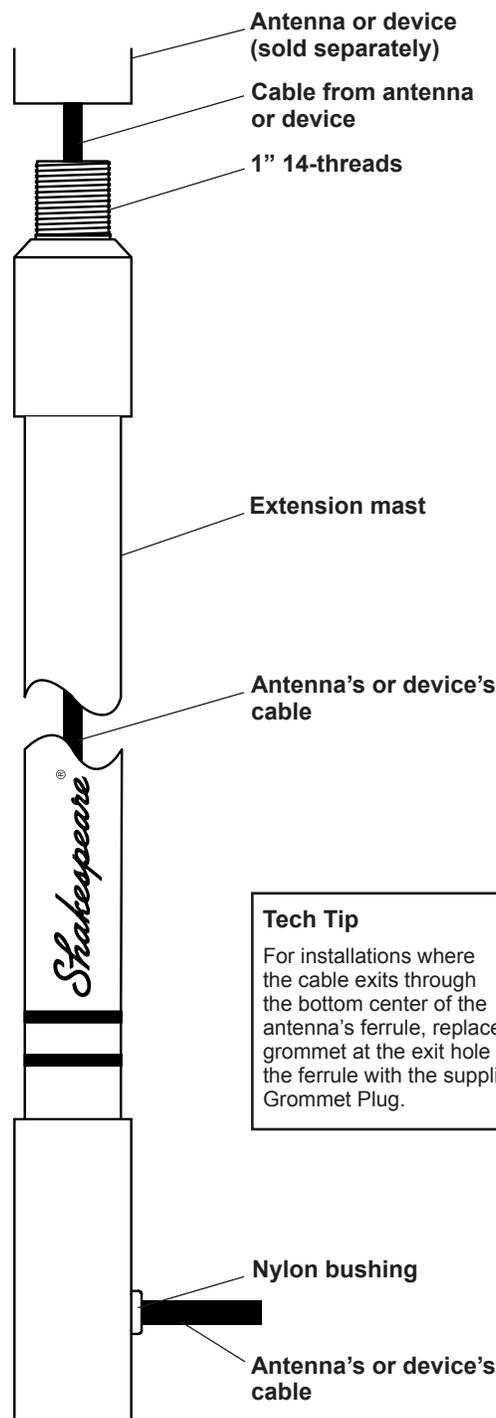
4. Route the antenna's or device's cable to your transceiver or other device. For cable routing, follow the instructions included with your device.

**Cleaning Instructions**

To clean the extension mast, use mild dishwashing 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 extension mast. Chemicals in these materials might destroy the finish.

Supplied Parts	
1	Extension mast
1	Grommet plug (see Tech Tip)



**Tech Tip**  
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.

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**Shakespeare Electronic Products Group**

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