

Before You Begin

These checklists serve as a quick guide to help you determine whether you have what you need to begin installing the QUALCOMM Globalstar Fixed Satellite Phone (QGFSP). You need some supplies that are not in your kit. Please take a careful inventory of your kit.

See *QUALCOMM Globalstar GSP-2800/2900 Fixed Satellite Phone Installation Guide* for complete details and descriptions.

Items supplied with your GSP-2800 kit

If you are installing the GSP-2800, these items will be in your kit. Use the Installation Guide to identify the parts.

- Radio antenna unit (RAU)
- Junction box
- Sighting tool
- Documentation package
- Mounting kit (See the Installation Guide for a detailed inventory.)



Additional items supplied with your GSP-2900 kit or that the service provider needs to supply for the GSP-2800 kit

The items listed below are essential components required to ensure that your installation is complete and to make Globalstar phone service possible.

- If you are installing the GSP-2800 (Basic kit), the service provider should supply the following items, following recommendations found in the Installation Guide.
 - 15 meters (50 feet) of junction box to RAU cable (Telco/power cable)
 - +12V power supply with backup battery
 - Telephone set
- If you are installing the GSP-2900 (Enhanced kit), all the items in the lists above should be included in your kit.

In addition to the above, a security module (SM) is required for operation of the product on the Globalstar system. Your service provider normally supplies the SM.

Additional items necessary for a successful installation

These items are not provided by QUALCOMM, but are either essential to mounting the equipment or recommended by QUALCOMM for grounding of the entire system. Since lightning strikes are unpredictable and potentially hazardous to equipment and personnel, QUALCOMM strongly recommends that the installed equipment be properly grounded. See the Installation Guide for a detailed description on grounding recommendations and equipment mounting.

The following items are recommended by QUALCOMM for use in grounding the equipment:

- #6 AWG copper primary ground cable
- #6 AWG ground lug (pink)
- #6 AWG solid copper ground wire (0.5 meter (1.6 feet))
- Copper H-type compression clamp (#6 to #6 AWG wire)
- One ground rod 2.7 to 3 meters long (8 to 10 feet long)
- Copper clamp, #6 AWG wire to ground rod, screw type
- Bolts for securing ground wire to rod

The following items are recommended for mounting the equipment and making the telephone connection inside the building:

- Screws or other fasteners for wall mount of RAU or junction box
- Pole for mounting unit
- Cable ties (black)
- Standard telephone company (telco) cable
- Six (6)-position modular wall mount telephone jack

Tools needed for installation

You will need the following tools while installing the QGFSP. Items marked with an asterisk (*) are optional and may not be needed for every installation.

- Crimping tool
- #2 Phillips screwdriver
- Small flat-head screw driver
- Torque wrench
- Needle-nose pliers
- Socket wrench set with metric and English sockets
- Bubble level or plumb line*
- Ladder*
- Wire cutter (up to #6 AWG)
- Wire stripper (#14 to #24 AWG)
- Drill with drill bits
- Large hammer, about 2.3 kilograms (5 pounds)*
- Shovel*