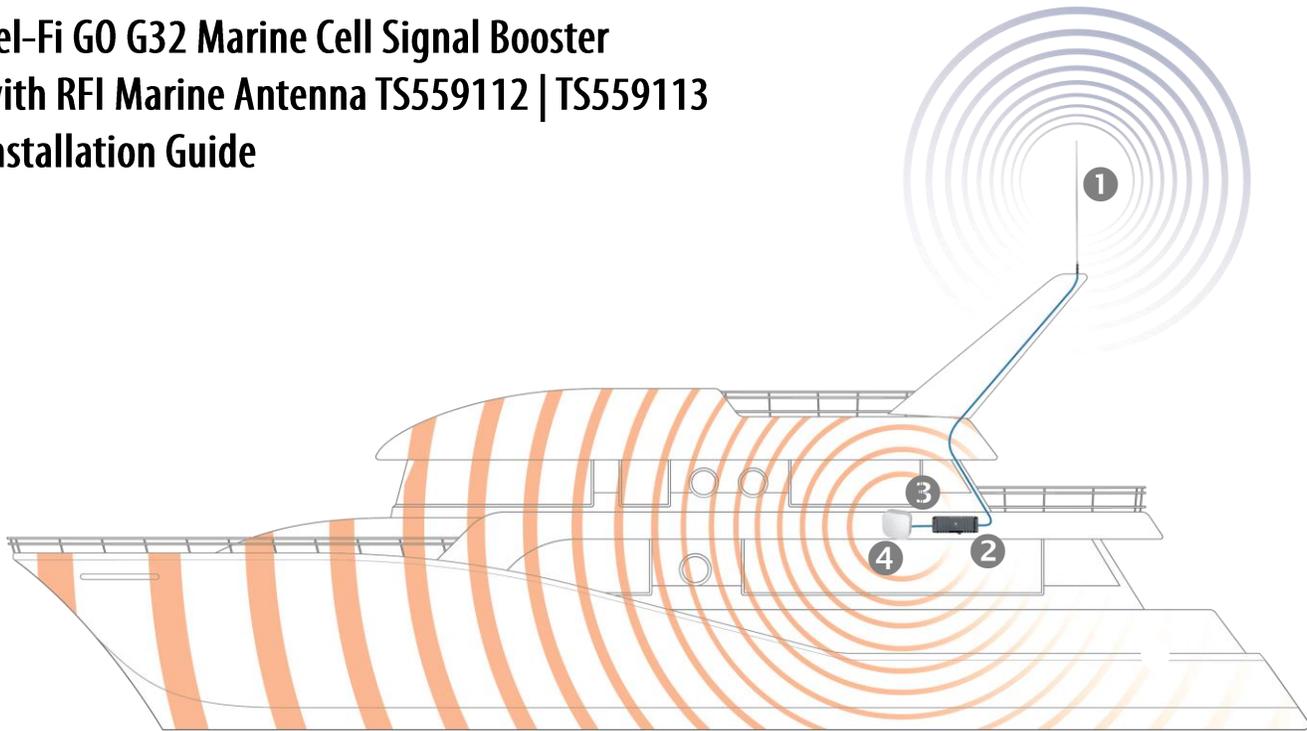


Cel-Fi GO G32 Marine Cell Signal Booster with RFI Marine Antenna TS559112 | TS559113 Installation Guide



There are **four main components** to install in your boat:

1 The RFI marine antenna with ferrule and attached coax cable
(Instructions for the Poynting OMNI-493 antenna are on the back.)

For best performance, the marine antenna should have as much vertical separation from the inside panel antenna as possible.

Attach the *ferrule* →  to a 1" x 14 threaded marine mount (like the Shakespeare 4187, 4190, 4365, or 4715).

Run the RG58 coax cable from the ferrule to the booster unit, securing the cable to the mast, tower, or hull. **Do not pinch, kink, loop, or coil the cable.**

Use the *FME-male/SMA-male adapter* →  to connect the end of the cable to the DONOR port (the *cell tower* icon) on the booster.

If you purchased a coax cable extension for the outside antenna, the end-to-end connection will be:

- ❖ Ferrule with RG58 cable
- ↓ *N-female/FME-male adapter* → 
- ↓ 400 coax cable
- ↓ *N-female/SMA-male RG58 jumper cable* → 
- ❖ Cel-Fi GO G32 booster

Installation tip:

We strongly recommend that you do a “soft installation” before permanently mounting the antennas and pulling cables.

Lay out and connect all the components inside your boat, then sail to an area with weak cell signal. Power up the booster and check the signal you receive from the inside antenna using the *Cel-Fi WAVE* smartphone app. The app will tell you if the booster is experiencing any errors and, if so, how to resolve them.



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1 Poynting OMNI-493 marine antenna

(See the OMNI-493 user guide for installation instructions.)

For best performance, the marine antenna should have as much vertical separation from the inside panel antenna as possible.

Attach the large connector on the *TS-195 coax jumper cable* → to the threaded connector on the bottom of the antenna. Punch out the exit hole on the side of the *marine adapter bracket* → and pull the other end of the jumper cable through the hole. Secure the bracket to the bottom of the antenna.

Attach the bracket to a 1" × 14 threaded marine mount (like the Shakespeare 4187, 4190, 4365, or 4715).

Using the *SMA-female/N-female adapter*, → connect the small end of the jumper cable to the TS-400 cable.

Run the TS-400 cable to the booster unit, securing the cable to the mast, tower, or hull. **Do not pinch, kink, loop, or coil the cable.**

Use the *RG58 coax jumper cable* → to connect the end of the TS-400 coax cable to the DONOR port (the *cell tower icon*) on the booster.



2 Cel-Fi GO G32 Smart Signal Booster®

The booster needs to be placed where it has access to a 120-volt AC power outlet or a 12-volt DC power socket.

AC power is required if you want to use the Cel-Fi GO G32 booster in its 100 dB *Stationary* mode for maximum inside coverage while you are moored. On DC power, the booster will only operate on 65 dB *Mobile* mode used while underway. (See sidebar.)



3 Inside coax cable

This system includes a 5- to 30-foot length of flexible *TS-195 coax cable*. →

Connect one end of the cable to the booster's **SERVER** port (the *phone icon*). Connect the other end to the panel antenna, using the *SMA/N adapter*, if necessary. →

Do not pinch, kink, loop, or coil the cable.



4 Inside directional panel antenna

This antenna broadcasts in the direction its front face is pointed.

It stands upright on any flat surface and can be moved to where you need cell signal most inside your vessel. You can also mount it to walls or ceilings with the included bracket and hardware or with Command® Strips or similar adhesives.



Stationary vs. mobile mode:

The Cel-Fi GO booster is both a *stationary booster* for use when you're moored and a *mobile booster* for use when you're underway. Stationary mode has more gain for increased coverage area; in mobile mode the booster continually searches for changes in tower strength and location as you move.

(Stationary mode works only with an AC power supply.)

Use the *Cel-Fi WAVE* smartphone app to switch between modes:

- 1 Power on the booster and launch the Cel-Fi WAVE app on your iPhone or Android smartphone. Wait for the app to connect to the booster, then tap the *Settings* tab at the top of the app.
- 2 Expand the *Booster Settings* section.
- 3 Tap the *Mobile* or *Stationary* option, then tap *Accept*.

