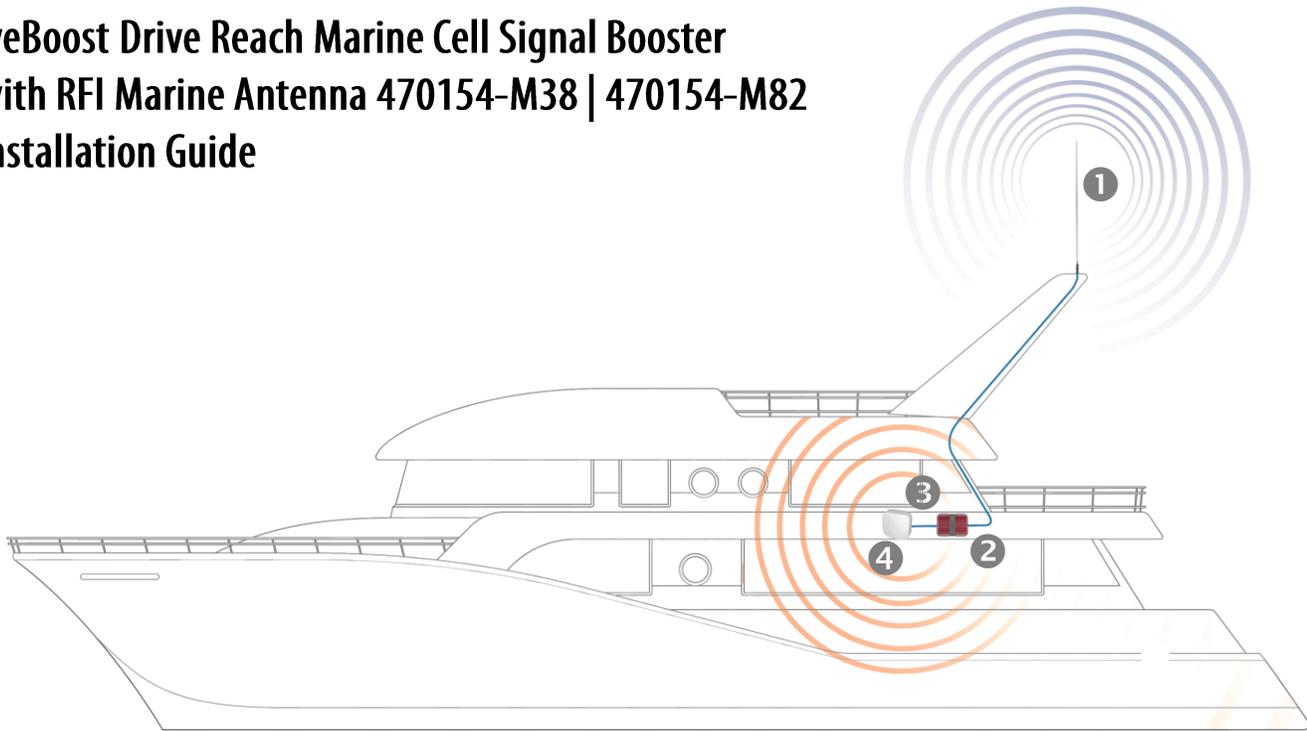


weBoost Drive Reach Marine Cell Signal Booster with RFI Marine Antenna 470154-M38 | 470154-M82 Installation Guide



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" × 14 threaded marine mount
(like the Shakespeare 4190).



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/SMA adapter* →
to connect the end of the cable to
the OUTSIDE ANTENNA port 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 →
- ❖ weBoost Drive Reach 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. Compare your internet data speeds with the booster off and the booster on.



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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 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-male 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 INSIDE ANTENNA port on the booster.



2 weBoost Drive Reach signal booster

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

An AC power adapter (850015) can be used to power the booster from a 120-volt AC power outlet.

A hardwire power supply (950079) can connect it directly to a 12-volt marine battery. These optional power supplies are available at PowerfulSignal.com.



3 Inside coax cable

This system includes a 10-foot length of flexible *TS-195 coax cable*. →
Connect one end of the cable to the booster's INSIDE ANTENNA port.
Connect the other end to the panel antenna.

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.



Usage tip:

The closer your cell phone or cellular hotspot, router, or modem is to the inside antenna, the more signal it will receive.

This is particularly important in areas where outside signal is especially weak, when the broadcast area from the inside antenna may be limited to a few feet.