

2X HiBoost Home 10K Cell Signal Booster Installation Guide | TS543121

*This installation guide is a supplement to the **HiBoost Home 10K user manual** that comes with your booster. The manual includes important information about preparing for your installation, finding the strongest local cell tower, and using the **HiBoost Signal Supervisor app**.*

You will not use the white coax cables in the HiBoost manufacturer's kit.

- 1** The **outside donor antenna** should be mounted as high as possible on your home's roof or on a separate tower or pole.

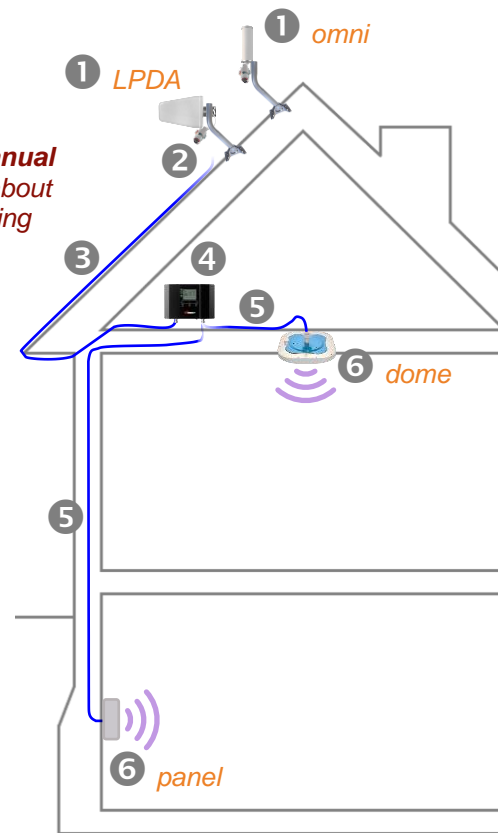
The **omnidirectional cylinder** antenna needs a clear line of sight in all directions around it. It should be mounted above the peak of your roof.

The **directional LPDA** antenna is pointed toward the strongest cell tower. It can be mounted below the peak of your roof if it has a clear line of sight in front of it.
- 2** Thread the **lightning surge protector** onto the connector on the donor antenna. Ground the surge protector with a length of 10-gauge solid copper wire. (For complete installation instructions, visit <https://powerfulsignal.com/LSP>.)
- 3** Thread one end of a black **TS-400 coax cable** onto the lightning surge protector. Run the other end inside your home through a vent or other opening. For best performance, use the **shortest run of cable possible from the outside antenna to the booster**. Do not pinch, kink, loop, or coil the cable.
- 4** Run the other end of the outside cable (#3) to the **HiBoost Home 10K cell signal booster** and thread it onto the booster's **OUTDOOR** connector. Mount the booster inside your home where it has access to a 120V AC outlet—for example, in an attic, closet, or garage.
- 5** Thread one end of a black **TS-400 coax cable** onto the booster's **INDOOR** connector. Run this connector to where the inside broadcast antenna will be mounted.

If your system includes two inside antennas, attach the 2-foot **jumper cable** to the booster's **INDOOR** connector. Attach the **two-way splitter** to the other end of the jumper cable. Connect two coax cables to the splitter and run one to each antenna.
- 6** Thread the other end of the inside run of cable (#5) onto the **inside broadcast antenna's** "pigtail" connector.

Mount the **dome antenna** in a location near the center of the house where you have access above the ceiling. Insert the antenna's mounting post and pigtail cable through a 3/4-inch hole in the ceiling. Thread the mounting nut onto the top of the post and tighten until the antenna is flush with the ceiling.

Use the included bracket to mount the **panel antenna** on the inside of an exterior wall. Point the antenna toward the area of the house where you need cellular signal.



Installation tips:

We strongly recommend that you do a "soft installation" before permanently mounting the antennas and pulling cable. Lay out and connect all the components. Bring the outside cable in through an open window or door. Place the antennas as close as possible to where you intend to mount them. Connect the cables to the antennas and the booster. Turn the system on and see if you get the kind of results you're expecting. If it works, finish the installation and you're done! If it doesn't work properly, give us a call and we'll gladly help you troubleshoot it.

If you don't have a metal roof, try to get 20 feet or more of vertical separation between the outside donor antenna and the inside broadcast antenna(s). This will help prevent signal oscillation and booster shutdown.