Beam Boost

Installation Guide

Beam Boost Cell Phone Booster

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Important:- Before applying for a refund you should complete the Booster setup as per our guide. We will ask you for pictures or videos while processing the refund. Read the manual thoroughly and contact our technical support team in case of any confusion

Beam Boost Signal Booster

Contents In Box

Beam Boost ***(1x Indoor & 1x Outdoor Antennas)***

- 1x Signal Booster
- 1x Large Outdoor Antenna (*50ft Cable For Outdoor Antenna*)
- 1x Indoor Panel Antenna (16 *ft Cable For Indoor Antenna*)
- Mounting Plates (for mounting the indoor antenna on the wall and outdoor antenna on the pole)
- Installation Guide
- Power Adapter

Beam Boost ***(2x Indoor & 1x Outdoor Antennas)***

- 1x 5G Signal Booster
- 1x Large Outdoor Antenna (*50ft Cable*)
- 1x Indoor Panel Antenna & 1x Indoor Omni Antenna (20*ft Cable*)
- 1x Two-way Splitter (1x 3ft Cable)
- Mounting Plates (for mounting the indoor antenna on the wall and outdoor antenna on the pole)
- Installation Guide
- Power Adapter

Beam Boost ***(2x Indoor & 2x Outdoor Antennas)***

- 1x 5G Signal Booster
- 2x Large Outdoor Antenna (50ft + *50ft Cable*)
- 1x Indoor Panel Antenna & 1x Indoor 360 Antenna (32*ft + 6ft Cables*)
- 2x Two-way Splitter (2x 3ft Cable)
- Mounting Plates (for mounting the indoor antenna on the wall and outdoor antenna on the pole)
- Installation Guide
- Power Adapter

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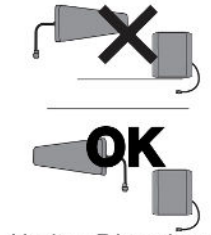
Before Installation…..

1. Prior to securing the location of any booster parts, a “soft install” is recommended as adjustments may be needed to optimize performance
2. Ensure adequate separation between the planned locations of the inside and outside antenna – at least 25 ft
3. For kits that use directional antennas (outside or inside), the directional antenna(s) should be oriented in a way that they do not “face” the other antenna (see “Aiming Directional Antennas” Diagram).
4. Ensure sufficient cable length between the outside antenna location and booster location.



Aiming Directional Antennas

Installation Overview

Step 1. Find the outside area with the strongest signal.
Step 2. Mount and Point Outdoor Antenna
Step 3. Inside Antenna & Booster Placement
Step 4. Connecting Booster With Antennas
Step 5. Powering Up The Booster & Optimizing

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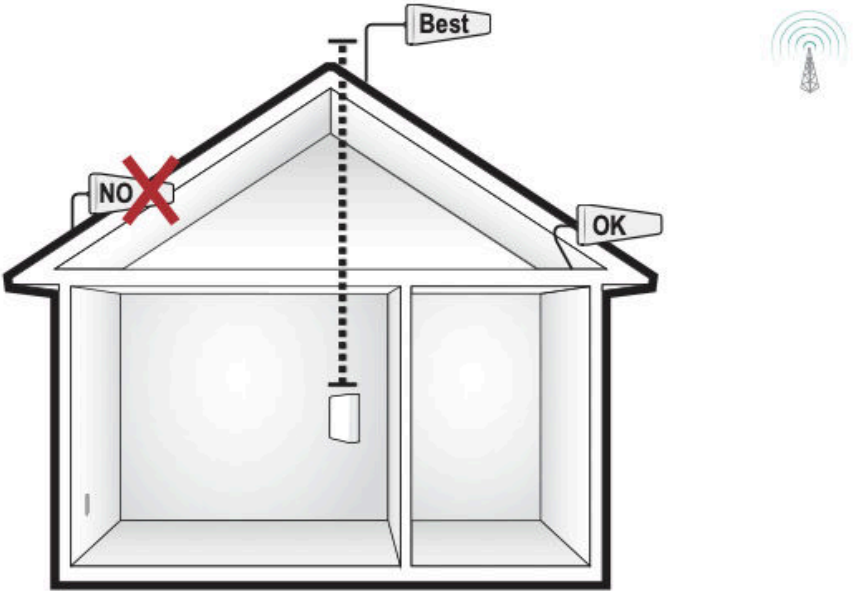
Step-1: Find the Area With the Strongest Signal

Using your phone, identify the outside location with the strongest signal for placement of your outside antenna. Generally, this is found above the roofline on the side facing your nearest cell tower and as high as possible – where the antenna can 'see' your cell tower.
To find the nearest cell tower, use the OpenSignal Mobile App (iOS & Android) **This is the most critical step of the installation process because it will determine the overall performance of the booster's system.**
The coverage area that the booster provides is directly related to the strength of incoming signal received by the outdoor antenna. Mounting the outside antenna where the signal is the strongest will provide the best results.



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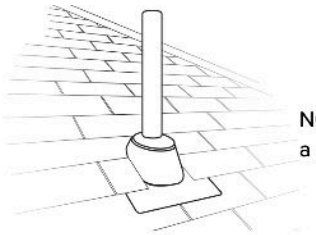
Please Note:- If the signal is extremely weak where the outside antenna is installed, indoor coverage will be limited. Bars are not always a reliable measure of signal. The best way to confirm signal coverage is the ability to place and hold a call.
Putting your phone in Field Test mode will also indicate what level of decibels (dB) your phone is currently receiving. Decibels are measured in the negatives, and a score closer to zero indicates you have a better signal. A signal of -120 dB indicates you have no service, while a score of about -50 dB means you have excellent signal strength

For specific dB signal measurements, use the methods below.

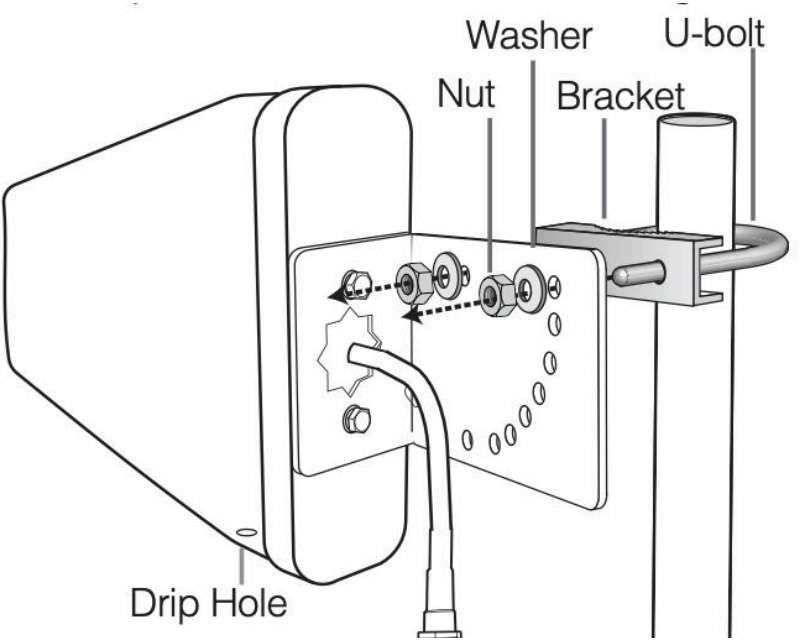
- Apple iPhones: Dial *3001#12345#* and press Call. In the top-left corner, a dB number appears instead of bars.
- Android devices: download the app “Network Signal Info” in the Google Play store.

Step-2: Mount and Point Outdoor Antenna

After identifying the area of strongest signal, choose the surface where you will mount your outside antenna.
The location should allow for sufficient separation between the outside antenna and inside antenna. Vertical separation is preferred as it is more effective than horizontal separation.
The minimum separation distance recommended is 25 vertical feet; however, increased separation, up to 40 - 50 ft, may be needed, especially where vertical separation cannot be achieved.
Pole mounting options are included. The pole mounting option is preferred because it will be easier to adjust to the cell tower's direction.



NOTE: Mounting on existing roof exhaust pipe would be a good time-saver option. Watch out for power lines.



Aim in the direction of your nearest cell tower. To find the location of your carrier's closest cell tower, go to www.antennasearch.com.
Keep the connections loose enough to allow the antenna to rotate until the optimum direction is found.

NOTE:- Dual Outdoor antennas can be pointed towards one network carrier for better gain, and if you wish to use **two cell networks**, point each outdoor antenna towards corresponding cell towers.
Recommend way of point outdoor antennas is vertically upward and can be pointed
Ensure that the mounting area has at least a 3 ft radius clear of obstructions, other radiating elements and metal objects such as pipes or metal siding and orient the antenna with the drip hole at the bottom

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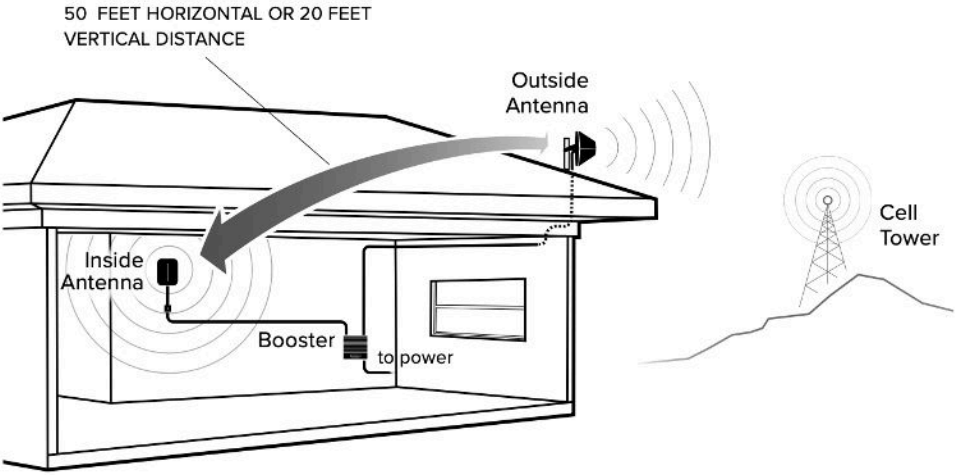
Step 3: Inside Antenna & Booster Placement

Place the inside antenna where you need the greatest signal boost and place the booster in your desired location at **least 24”** away from the inside antenna



Mount the Dome Shaped 360 Ceiling antenna pointing downward to avoid interference with the outdoor antenna.

Aiming Antennas

Caution: Do Not aim antennas towards one another.

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Step 4: Connecting Booster With Antennas

The configuration of each Beam Boost bundle varies slightly due to the different number of antennas. The Connection Diagrams below provide a better understanding of the system.

Connecting Antennas with the Booster

1. Use the **INDOOR Connector** on Beam Boost Signal Booster to connect the **Indoor Antennas**
2. Use the **OUTDOOR Connector** on Beam Boost Signal Booster to connect the **Outdoor Antennas**

Display screen on Beam Boost show outdoor signal gain.

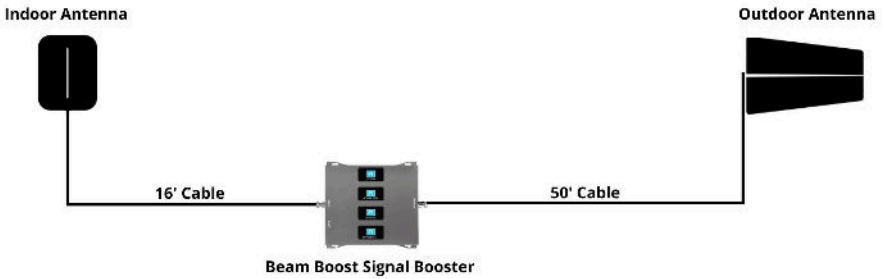
You should be able to see the signal strength for different frequencies or bands on the display of Beam Boost. It's normal for users not to get full signal strength on all frequencies or bands.
To ensure you're getting the best signal, check the cell frequencies of your nearest tower and confirm that you're receiving signals on those specific frequencies.

The meter bars show the signal strength. A full meter means you're getting the best possible gain from outside

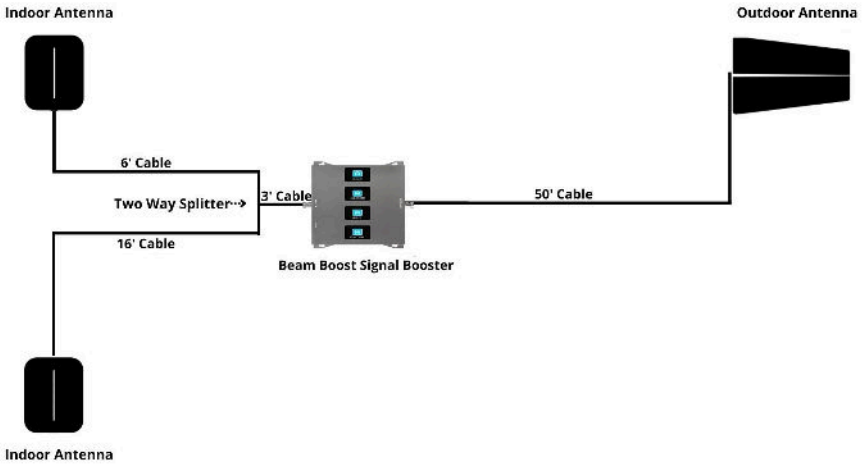
TIP: **Dual outdoor antennas** can be pointed to one network carrier for better gain, and if you wish to use **two cell networks**, point each outdoor antenna towards both cell towers.

Connection Diagrams

Beam Boost Bundle 1 *(1x Indoor & 1x Outdoor Antennas)*



Beam Boost Bundle 2 *(2x Indoor & 1x Outdoor Antennas)*



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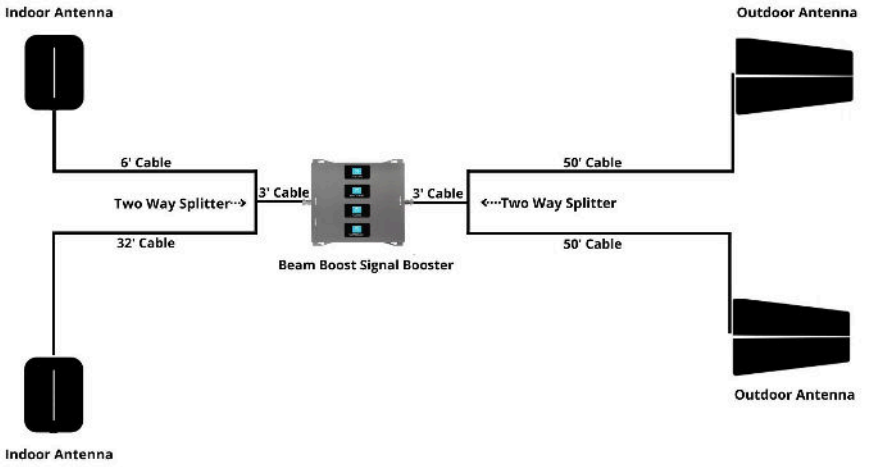
Beam Boost Bundle 3 ***(2x Indoor & 2x Outdoor Antennas)***



TIP: *You can use the included cable however you like, as long as you maintain the distance between the indoor and outdoor antennas, i:e (You can use a 50' outdoor cable with an indoor antenna, Additionally to extend cable length you can also use one cable to connect both outdoor antennas using a splitter at the outside end)*

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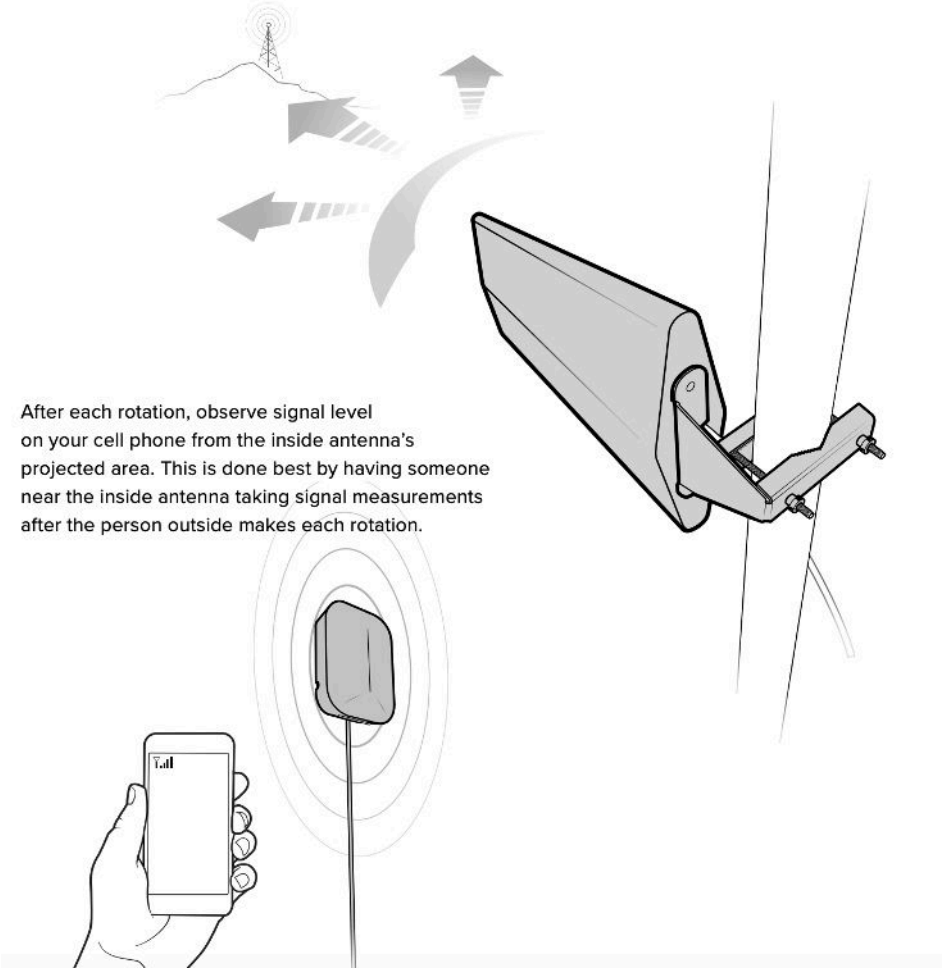
Step 5: Powering Up The Booster & Optimizing

After powering up your system, you are now ready to optimize your system. Rotate the outside antenna in 1/3 turn increments, **after each turn, unplug and reconnect the booster to power while observing the signal level on your cell phone from the inside antenna's projected area.** Secure the outside antenna in place, pointing in the direction that gives you the strongest signal. **Enjoy your boosted signal!**



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Troubleshooting and FAQs

1. Signal Booster is Boot Looping
Make sure that indoor and outdoor antennas are not facing each other or close to each other. And try removing the power supply and connecting it again.
2. Can I Add More Cable To the System
Yes, You can add up to 200’ of COAX cable in the system for outdoor and indoor Antennas
3. I worked for a while and stopped working now
Make sure the cable connection is tight. Make sure the power adapter is working.
4. Mounting Two Outdoor Antennas on Pole
If you are trying to mount 2 outdoor antennas on a pole in the same direction then try mounting them vertically to each other,

In case of any problems or questions feel free to contact technical support,

E-mail– support@beamboost.us

Website– beamboost.us/contact-us