

## CONTENTS

Booster & Power Supply



Outside Antenna - Directional Yagi  
Outside Cable - RG-11, 50 ft  
Connector (optional) - for additional cable length, if needed

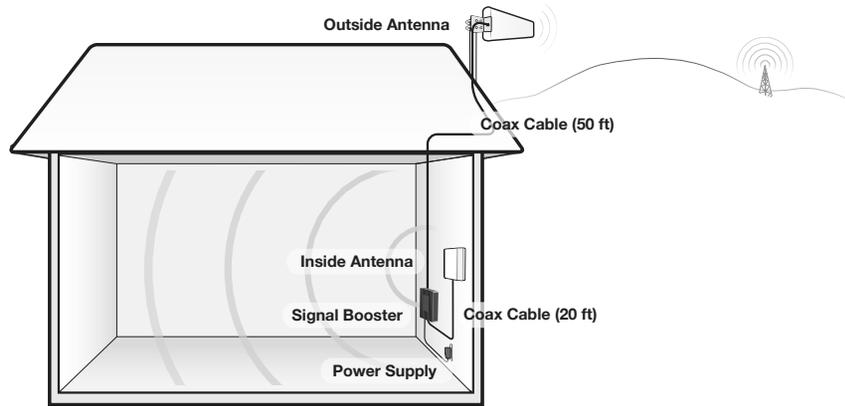


Inside Antenna - Directional Panel  
Inside Cable - SC-240, 20 ft



Before installation, ensure adequate separation between the locations of the outside antenna and Inside antenna – at least 25 ft.

## 1. FIND AREA OUTSIDE WITH STRONGEST SIGNAL



Install Overview

Identify the outside location with the strongest signal. Generally, this is found on the side facing your nearest cell tower and as high as possible.

Note that 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. For specific measurements, use the methods below to see your phone's signal as a dB measurement. Note that decibels (dB) usually appear as a negative number where numbers approaching to 0, are stronger signal (eg. -100 dB would be considered a weak signal while -65 dB a strong signal).

*Apple iPhones: Dial \*3001#12345#\* and press Call to enter test mode and identify your signal in dB instead of bars.  
Android devices: download the app "Network Signal Info" in the Google Play store.*

This signal booster requires a minimum cellular signal reading of -100dB at the location of the outside antenna. Signal between -70dB and -90dB is recommended for best performance.

Please note: Signal stronger than -50dB may cause the affected frequency bands to turn off.

## Have questions?

We have answers! Reach out to our US-based support team:

**Call:** 1-888-365-6283

**Email:** support@surecall.com

**Visit:** [www.surecall.com/support](http://www.surecall.com/support) to download the user manual for:

- » Detailed setup instructions
- » Troubleshooting tips
- » Warranty information

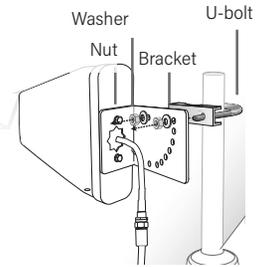
## 2. INSTALL THE OUTSIDE ANTENNA

Once you have located the area of strongest signal, mount the antenna to a pole or pipe (not included) at the highest possible elevation. The directional Yagi antenna works best when facing the direction of your carrier's cellular tower. For help finding the location of your carrier's closest cell tower go to [www.cellreception.com](http://www.cellreception.com).

To install the outside antenna, assemble the u-bolt, bracket, nuts and washers to a pole or mast, as shown in the illustration. Keep the connections loose enough to allow the antenna to rotate until the optimum direction is found.

Note: The outside antenna may be installed on a variety of pipe angles. Ensure that the mounting area has at least a 12-inch radius clear of obstructions and other radiating elements and orient the antenna vertically with the drip hole at the bottom.

Once the outside antenna is secured to a pipe or pole, connect one end of the provided 50 ft. coax cable to the antenna and tighten the connection.



Outside Antenna Assembly

## 3. INSTALL THE SIGNAL BOOSTER AND INSIDE ANTENNA

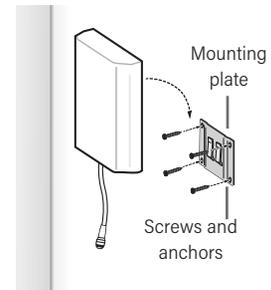
Choose a location for mounting the directional panel antenna on vertical surface. The antenna should be at the approximate height of your cell phone when in use and facing a central area where signal is needed. Please note: Be sure to provide enough separation from outside antenna - at least 25 ft. Also, the outside and inside antennas should face away from one another.

Using the plate, mark position of desired screw placement and screw mounting plate into place with the slide panel protruding towards you (see panel antenna illustration below). Slide antenna securely onto mounting plate.

To install the booster, select a location that is near the inside panel antenna and a working AC outlet. Use the supplied screws or appropriate screws for surface of mounting location and drill through screw tab holes on booster (see *Booster Components Diagram* illustration) and mount the booster to a wall.

Connect the inside antenna and booster by connecting one end of the provided 20 ft. of coax cable to the inside antenna and the other end of the cable to the booster port marked "INSIDE" and hand-tighten the connection.

Next, connect the outside antenna and booster by connecting the remaining end of the 50 ft. cable leading from the outside antenna to the port of the booster marked "OUTSIDE".



Inside Antenna Assembly

## 4. CONNECT POWER

Connect the AC power cord to the booster and plug into a 110V AC power outlet. Once the booster has been completely assembled, turn the booster's power switch on.

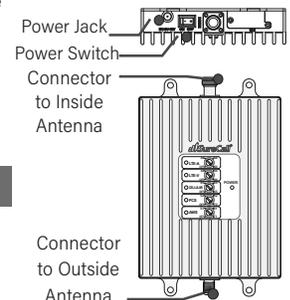
Note: If the Power LED does not turn ON or the Alert LEDs continue to flash, see the Troubleshooting section. This booster is rated for 5-15V input voltage. DO NOT use the booster with a higher voltage power supply. This can damage the booster, cause personal injury and void your warranty.

## CHECK AND OPTIMIZE SYSTEM, IF NEEDED

Place a call in a location you have previously experienced poor signal and confirm that your phone is receiving a boosted signal.

The gain dials on the booster should always be at maximum level unless a control light is FLASHING RED-YELLOW. Additionally, the gain should only be reduced if other recommended actions do not resolve the issue.

In any case, the first action should be to increase the antenna isolation between the inside and outside antenna as much as possible and restart the booster.



Booster Components

