

GREYHOUND

Installation Instructions



REQUIRED TOOLS & ACCESSORIES

- Hammer / Rubber Mallet
- Phillips Screwdriver

Mounting Instructions

Antenna Directionality

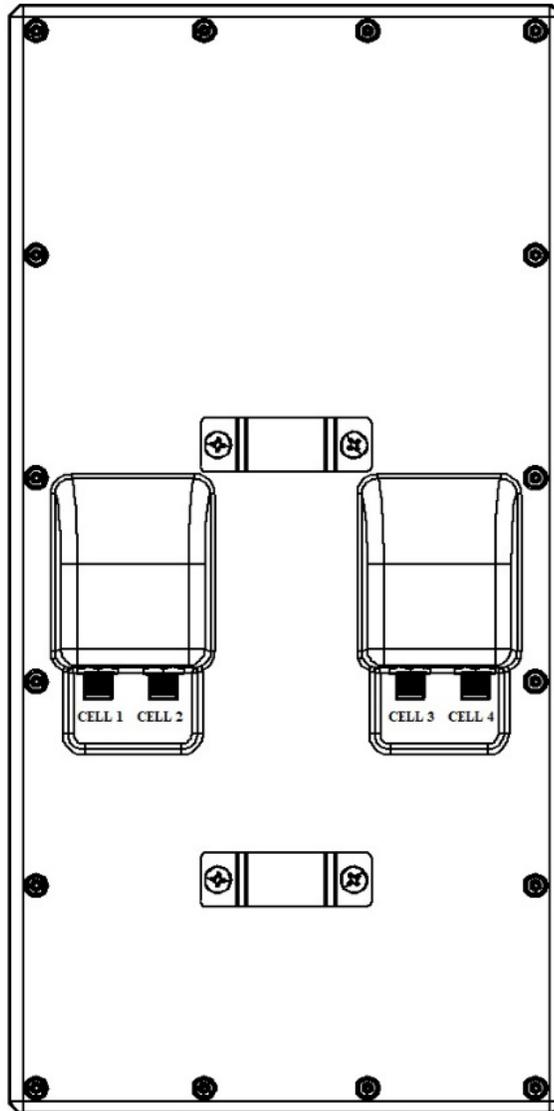
Directional antennas focus the coverage in a single direction, usually a 45 to 90 degree cone. This limits connectivity to a particular area but allows for more powerful coverage and a longer signal receiving range than omni-directional antennas.

Directional antennas **must** be pointed towards the signal source. When selecting the location of a directional antenna, ensure that the antenna can be mounted in such a way that it faces the desired signal source, typically the nearest cell tower.

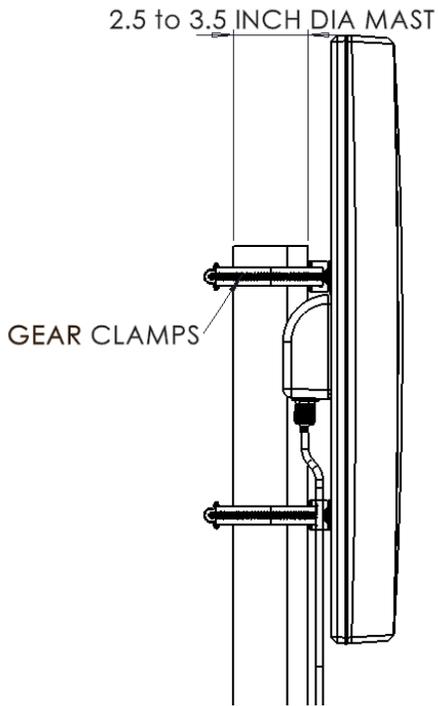
Pole Mount

1. Select the mounting location.
 - A. To avoid de-tuning or interference issues, install the antenna as far away as possible from other devices (minimum 24 inches), including lights, AC units, routers, and other antennas.
 - B. The antenna will need to be pointed towards the nearest cellular tower. A clear line of sight is recommended for best performance.
 - C. The diameter of the pole must be between 2.5 inches - 3.5 inches and the pole must be vertical.

2. Install the two pole mount brackets onto the back of the antenna using the four 3/4" screws provided in the kit.



3. Guide the provided hose clamps through the slots in the pole mount brackets and around the pole, as shown below. Tighten the hose clamps around the pole.

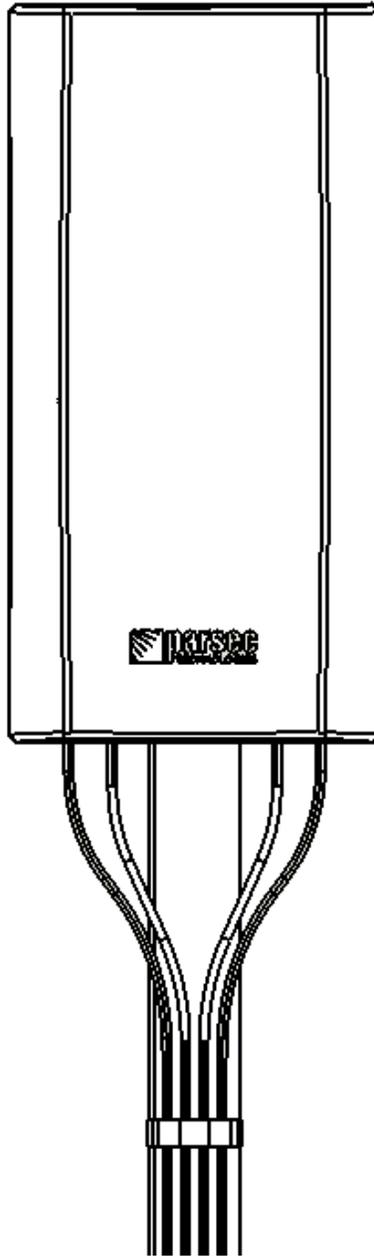


4. Connect the cables from the cable kit to the antenna cables. Make sure to match the cables according to the labels on the antenna cables and the cable kit.
5. Secure the antenna cables to the pole roughly 6 inches below the antenna to provide strain relief. Vinyl electrical tape or cable-ties can be used. If using cable-ties outside, make sure to use UV resistant cable-ties.
 - A. Ensure that the cables do not bend sharply. Do not bend the cables with a radius of 1.25" or less.
 - B. Route the antenna cables adjacent to existing wiring as much as possible.

Routing the Cable

Step 1.

Properly route the cables, making sure there are no sharp bends. Clamp the cables to the wall at about 6 inches away from the antenna if the cables are being hung straight from the wall.



Step 2.

Make sure the antenna is mounted in the correct direction and tighten the mounting hardware. Waterproof the RF connectors using electrical tape, or a heat shrink tube.

Cable Connection Instructions

Step 1:

Use canned air and/or isopropyl alcohol to clean all the connectors to ensure that there is no dust in the terminals.

Step 2.

Connect the antenna cables to the designated terminals on the router, as shown in the tables and images below

One Router

S. No	Cable from Antenna	Connector on Router
1	CELL 1	MAIN0
2	CELL 2	AUX0
3	CELL 3	MAIN1
4	CELL 4	AUX1

Two Routers

Router 1

S. No	Cable from Antenna	Connector on Router
1	CELL 1	MAIN
2	CELL 3	AUX

Router 2

S. No	Cable from Antenna	Connector on Router
1	CELL 2	MAIN
2	CELL 4	AUX

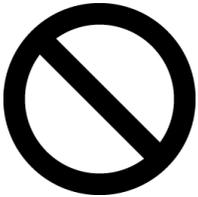
[For cable connection instructions to a specific router make and model CLICK HERE](#)

Commission and Testing

Check each coaxial cable connector and confirm that it cannot be easily loosened. Visually inspect the coaxial cables to ensure that they are not sharply bent and are sufficiently secured and supported between the antenna and the router.

Use a cellular device's built-in diagnostics to confirm the RSSI is higher than -75dB. Confirm the cellular connection supports communications at required data rates.

Connect the cellular/LTE cables to the router and stow any unused coaxial cables to avoid damage.



CAUTION

To comply with FOC RF Exposure requirements in section 1.1310 of the FCC Rules, antennas used with this device must be installed to provide a separation distance of at least 20 cm from all persons to satisfy RF exposure compliance.



DO NOT

- Operate the transmitter when someone is within 24 inches of the antenna
- Install the antenna or mast assembly on a windy day
- Install the mast close to power lines as it can cause serious injuries or death



WARNING

Watch out for overhead power lines. Check the distance to power lines before beginning installation.



WARNING

This document gives the detailed instructions to install an antenna to the best of our knowledge. This document is for general information only. It cannot be used as a warranty. Parsec Technologies Inc. will not accept any liability for any damage caused by an antenna due to unknown variables.



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