



LTE Active Antenna

Draft v2



Table of Contents

Overview 3

Before Installation 3

 Contents 3

Installation..... 3

 Step 1 Connect the Power Injector Antenna Cable onto the Router Antenna Port 3

 Step 2 Connect the Cable from the LTE Active Antenna to the Power Injector 3

 Step 3 Plug the Power Adapter into a Nearby Outlet with the Other End into the Power Injector .. 3

 Step 4 Identify the Location of Best Signal for Placement of the LTE Active Antenna 4

 Step 5 Mount the Antenna at the Identified Location 4

 Step 6 Route and Secure the Cables 4

Product specifications 5

Regulatory Information 5



Overview

The LTE Active Antenna is a signal booster that, when placed on a window and connected to your router, delivers improved LTE signal to the LTE Router to improve data throughput speeds.

Before Installation

Remove Contents from packaging

Contents

- LTE Active Antenna with mounting adhesive
- Power Adapter
- Power Injector
- Velcro straps and cable clips

Figure 1: Contents

Installation

Step 1 Connect the Power Injector Antenna Cable onto the Antenna Port

Step 2 Connect the Cable from the LTE Active Antenna to the Power Injector

Step 3 Power up using the Power Adapter and connect the other end into the Power Injector

Plug in the power adapter, then plug the other end into the power injector.

Once connected, a GREEN LED on the power injector will appear to indicate that the LTE Active Antenna is receiving power. If the power injector is showing a RED LED, please double check that all cables are connected securely.

If your LTE Router was not already turned on, please turn it on now.

Please note – If you power on the LTE Router while the LTE Active Antenna is connected to the antenna port on the router but not connected to power, the router may not complete its boot up process properly and will not work as expected. If this occurs, please turn off the router and ensure the LTE Active Antenna is connected to power before turning the LTE Router back on.



Step 4 Identify the Location for Placement of the LTE Active Antenna

Identifying and mounting the LTE Active Antenna in the location of your with the best available LTE signal will provide the best performance of your LTE Router. The best signal and recommended mounting location for the antenna will be on a window.

Step 5 Mount the Antenna at the Identified Location

Once the best mounting location has been identified, prepare the area by cleaning it first (rubbing alcohol, window cleaner and similar solutions work well). Once the area has thoroughly dried, mount the antenna by removing the paper backing from the adhesive padding and firmly pressing it against the cleaned area. Please ensure the antenna is mounted vertically with the cable pointing down for the best performance.

Step 6 Route and Secure the Cables

Using the included cable clips and Velcro straps, route the cables as desired for the cleanest possible installation. If Velcro straps are used, coil the excess cable before wrapping to ensure a clean look and installation.



Product specifications

Name	LTE Active Antenna
Model:	SC-LTE-V
Certifications:	FCC (North America)
Wireless Network:	LTE
Technology Compatibility:	4G-LTE
Cable (Antenna):	RG174; 20 ft.
Cable (Power Injector):	RG174; 7 ft.

Regulatory Information

LTE Active Antenna
FCC ID: RSNLTE-V

THIS IS A CONSUMER DEVICE

BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider's consent.

Verizon: <http://www.verizonwireless.com/wcms/consumer/register-signal-booster.html>

AT&T: <https://securec45.securewebsession.com/attsigbooster.com/>

T-Mobile: <https://support.t-mobile.com/docs/DOC-9827>

Sprint: https://www.sprint.com/legal/fcc_boosters.html

U.S. Cellular: <http://www.uscellular.com/uscellular/support/fcc-booster-registration.jsp>

Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider.

You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 Inches) from any person. You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider.

WARNING. E911 location information may not be provided or may be inaccurate for calls served by using this device.

CLASS B EQUIPMENT: This equipment has been tested to, and found to be within the acceptable limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment.

This equipment generates radio frequency energy and is designed for use in accordance with the manufacturer's user manual. However, there is no guarantee that interference will not occur in any particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.



- Consult the dealer or an experienced radio/television technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC 27.50(d)(4) Statement: Fixed, mobile and portable (hand-held) stations operating in the 1720-1755 MHz band are limited to 1 Watt EIRP. Fixed stations operating in this band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in this band must employ a means for limiting power to the minimum necessary for successful communications. When used with any mobile device utilizing the 1710-1755 MHz band, the FCC limits booster equipment placement to a maximum of 10 meters above ground level. Installation of this equipment which does not comply with federal requirements may subject the owner to FCC enforcement action.

RF Exposure: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 32 cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.