

# Antenna Installation Guide

## Multi-Band Glass-Mount Antenna

PART# 301102



## Dual-Band Mini Glass-Mount Antenna

PART# 301114



### Features:

- Vehicle, home or office use
- Installs easily
- Permanent installation
- Built-in ground plane
- Requires antenna adapter (sold separately)
- Compatible with Wilson Electronics Signal Boosters

## Wilson Electronics Signal Boosters Amplify Coverage

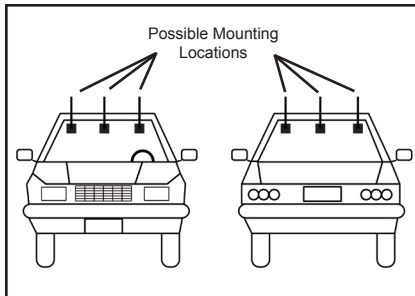
A Wilson Electronics Signal Booster (sold separately), when used in conjunction with your antenna, can improve your cellular device coverage significantly. Wilson Electronics manufactures a wide range of wireless and Direct-Connect Signal Boosters for mobile or in-building use. See your dealer for details or visit [www.WilsonElectronics.com](http://www.WilsonElectronics.com).

### How They Work

Wilson Electronics Glass Mount and Mini Glass-Mount antennas will collect the cell tower signal and send it through the cable to a Signal Booster or directly to the cell phone or cellular data card. When the cell phone or cellular data card transmits, the signal is transferred to a Signal Booster or directly to the antenna and broadcast back to the cell tower.

### Antenna Adapter

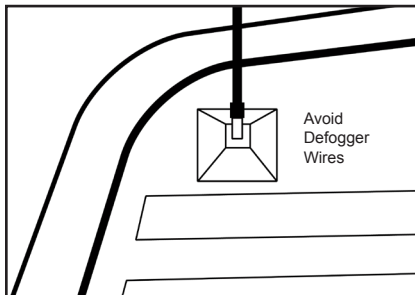
An 18-inch external adapter is required to connect the cellular device to the antenna. The external adapter is cell phone/data card-specific and may be purchased through a local retailer. Refer to Wilson Electronics Adapter Guide to identify the right adapter for your cell phone or cellular data card. The Adapter Guide is available on our web site, [www.WilsonElectronics.com](http://www.WilsonElectronics.com), or you may call Technical Support at 866-294-1660.



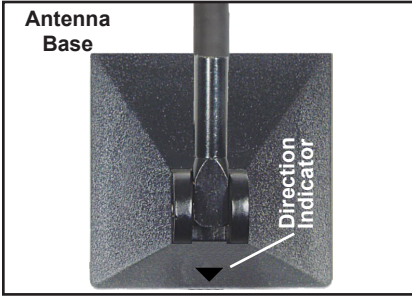
The antenna may be mounted along the top of the front or rear window. For best performance, don't mount on the rear window of trucks or SUVs.

Check to ensure your mounting location will not interfere with windshield wiper operation.

Keep the antenna away from defogger wires and metallic aftermarket window tint - most factory tint is nonmetallic and will not interfere. If the antenna must be mounted on the defogger, center it between the defogger wires as much as possible.

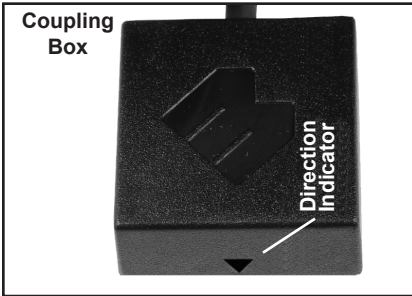


Clean the outside window surface with glass cleaner or the alcohol swab included in your package. Be sure the same location inside the window is clear of obstacles.



Remove the protective paper on the base to expose the adhesive pad and firmly press the antenna into place on the outside of the window. **Note:** *If installing on a home or office window, ensure that it is not dual-pane glass.* Not recommended for RVs - too much metal above the window will interfere with operation.

The coupling box is installed on the inside of the glass in the same position as the antenna base on the outside. Clean the inside surface with window cleaner or the alcohol swab included in your package.



The coupling box must be installed so the arrow indicator faces the same direction of the arrow indicator on the antenna base.

Remove the protective paper to expose the adhesive pad and firmly press the coupling box into place.

Connect the cable to your adapter cable or Signal Booster.



**Warning:** The antenna and coupling box must be properly positioned or they will fail to function. Both direction indicator arrows must face the same direction when the antenna is installed.

Disclaimer: The information provided by Wilson Electronics, Inc. is believed to be complete and accurate. However, no responsibility is assumed by Wilson Electronics, Inc. for any business or personal losses arising from its use, or for any infringements of patents or other rights of third parties that may result from its use.

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### 30-Day Money-Back Guarantee

All Wilson Electronics products are protected by Wilson Electronics 30-day money-back guarantee. If, for any reason, the performance of any product is not acceptable, simply return the product directly to the reseller with a dated proof of purchase.

### 90-Day Warranty

Wilson Electronics antennas are warranted for ninety (90) days against defects in workmanship and/or materials. Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase.

Antennas may also be returned directly to the manufacturer at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by Wilson Electronics. Wilson Electronics shall, at its option, either repair or replace the product. Wilson Electronics will pay for delivery of the repaired or replaced product back to the original consumer.

This warranty does not apply to any antennas determined by Wilson Electronics to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.

RMA numbers may be obtained by phoning Technical Support at 866-294-1660.

### Antenna Specifications

Part Number	301102	301114
Frequency Range	700-800 MHz / 824-894 MHz 880-960 MHz / 1850-1990 MHz	824-894 MHz / 1850-1990 MHz
Impedance	50 ohms	
Antenna Gain	1.8 dBi 700-800 MHz / 3.5 dBi 824-894 MHz / 2.8 dBi 880-960 MHz / 4.8 dBi 1850-1990 MHz	1.4 dBi 824-894 MHz / 2.4 dBi 1850-1990 MHz
Radiation	Omni	
Polarization	Vertical	
Ground Plane	Built-in ground plane	
Connector	FME-Female	
Material	Whip - stainless steel	Whip - plastic coated steel wire
Coax Cable	RG58 - 14 feet / 4.27 meters	
Height	15 inches / 38.10 cm	5.375 inches / 13.65 cm
Mount	Glass mounting with 3M™ adhesive	



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For additional Technical Support visit [www.WilsonElectronics.com](http://www.WilsonElectronics.com)

or email at: [tech@wilsonelectronics.com](mailto:tech@wilsonelectronics.com)

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