SureCall®
RAISE YOUR BARS

Fusion2Go® Ultra Fleet

Most Powerful 5G/LTE Fleet Vehicle Cell Phone Signal Booster for Car, Truck, SUV

User Manual



Fusion2Go Ultra Fleet provides seamless 5G/LTE connectivity inside any car, truck, or SUV. If you have any questions during setup, please reach out to our US-based experienced support technicians:

- Call: 1-888-365-6283
- Email: support@surecall.com

Please note: This product is designed for professional installation as the antenna is mounted securely through a hole drilled into the vehicle's sheet metal.

A "soft installation" should first be performed by assembling the NMO antenna and routing the cable through an open window. After completing the remaining installation steps and successful operation is verified, proceed with final installation.

Table of Contents

INTRODUCTION **3**

How It Works 3

Package Contents 4

INSTALLATION **5**

Step 1: Mount Outside Antenna 5

Step 2. Install the Inside Patch Antenna 6

Step 3. Place Booster and Connect Cables 6

Step 4. Connect Power 7

Verify Your System is Working 8

'POWER' LED 8

Troubleshooting 8

SPECIFICATIONS **9**

Antenna Kitting Information 10

CONSUMER GUIDELINES **11**

THREE-YEAR PRODUCT WARRANTY **12**

INTRODUCTION

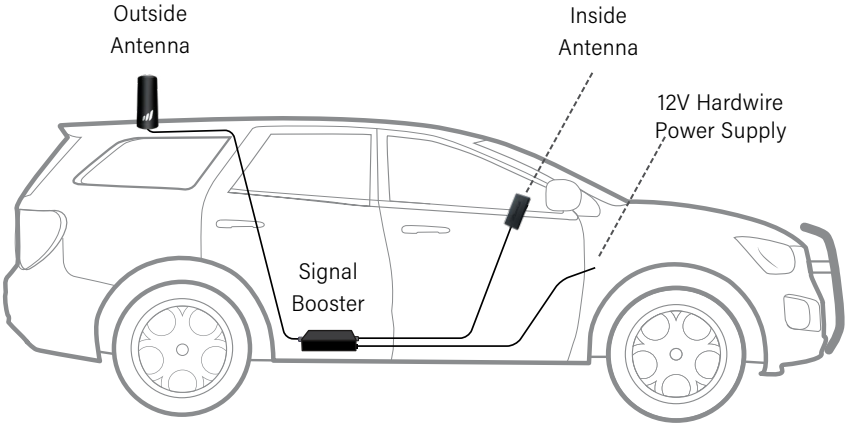
How It Works

The powerful bi-directional cell signal booster enhances 5G/LTE voice, text, and data speeds for improved connectivity and coverage inside vehicles that frequent weak signal areas.

The Fusion2Go Ultra Fleet works with two antennas:

- An inside antenna that communicates with your cell phone.
- An outside antenna that communicates with the cell tower.

Signals sent from a cell tower are received by the outside antenna, amplified by the booster and then sent to all cellular devices inside the cabin via the inside antenna. When the phone or cellular device transmits, the signal is sent to the inside antenna, and then sent to the cell tower via the outside antenna.



Quickly optimize antenna separation using the SureCall mobile app, available on Google Play and Apple App Store.

Package Contents

- Unpack all package contents. For missing or damaged items, contact your reseller.
- Turn over the signal booster and record the model and serial number for reference:

Serial #: _____

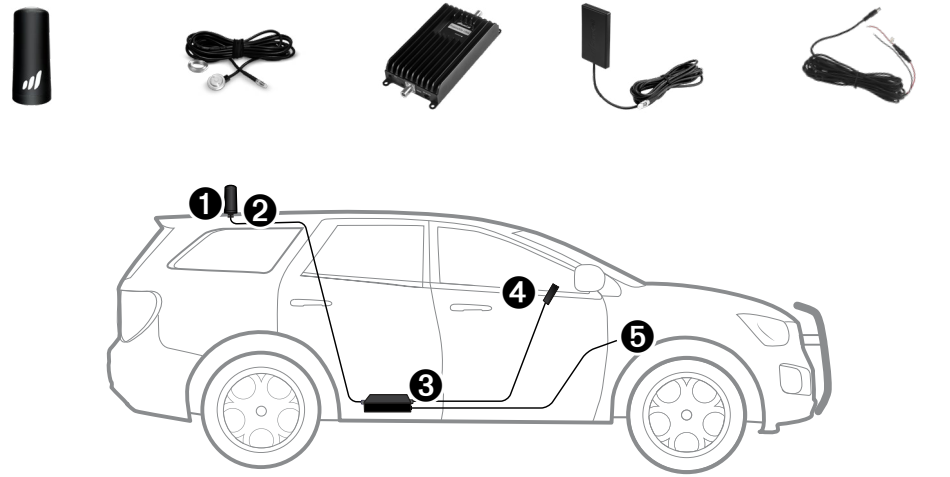
Purchase Date: _____

The Fusion2Go Ultra Fleet signal booster package includes the following items:

1. Outside NMO antenna
2. NMO mounting cable
3. Signal booster
4. Inside patch antenna
5. 12V Hardwire power supply

*Fusion2Go Ultra Fleet is also compatible with the power adapters below for added versatility:
DC 12V power supply / part # SC-DC-12V5A-B
AC power supply / part # SC-AC-5.9V2.8A-B

1 Outside Antenna | 2 NMO Mounting Cable | 3 Signal Booster | 4 Inside Patch Antenna | 5 12V Hardwire Power Supply



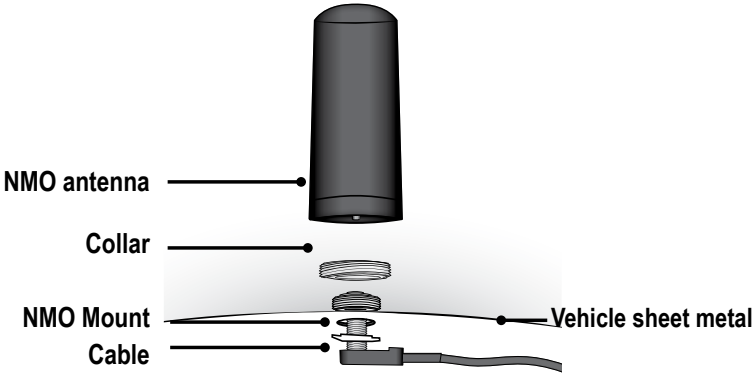
INSTALLATION

Step 1: Mount Outside Antenna

Identify a location on the vehicle's roof that (1) has at least a 12-inch radius clear of obstructions and other radiating elements, such as a radio antenna and (2) at least 6 inches away from any windows.

Using a drill with a 3/4" hole saw bit, drill hole in the center of the desired location. Remove the metal collar from the connector and insert the NMO mounting cable through the hole. (see illustration).

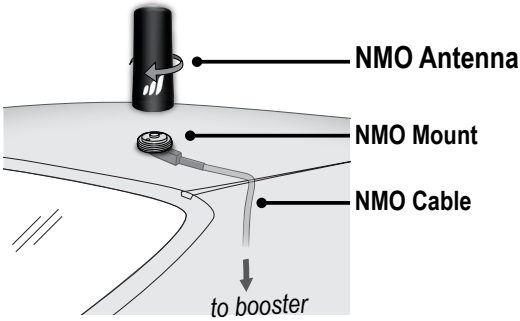
Position threads of the cable mount to extend through the center of drilled hole and above vehicle surface.



Screw the collar to the base mount, ensuring the mount is centered and tighten with a wrench. Next, thoroughly clean the mounting area before screwing the antenna onto the NMO mount. Ensure full contact of the antenna to the vehicle surface.

Once the antenna installation is complete, route the NMO antenna cable inside the vehicle. To hide the cable, run under headliner and trim to the desired booster location on the floor of the vehicle.

Note: The outside antenna must not be collocated or operating with any other antenna or booster.

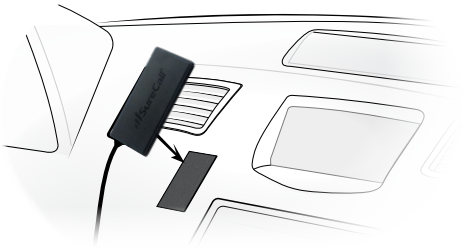


Step 2. Install the Inside Patch Antenna

Identify a location for the inside antenna on or near your front dashboard that is

1. Within 2-3 feet of the typical cell phone location
2. At least 8 inches (20cm) from cellular devices and
3. At least 4 inches (10cm) from metal

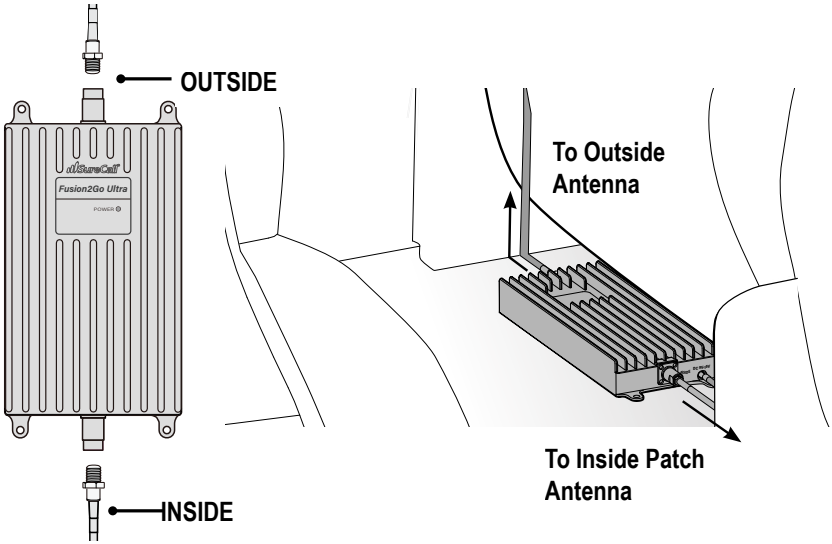
Next, peel Velcro backing and apply to a clean dry surface in your chosen location.



Step 3. Place Booster and Connect Cables

Select a well-ventilated location for the booster that is away from excessive heat, direct sunlight, and moisture. We suggest installing beneath a seat or within the front or center console.

Connect the cable from the outside antenna to the connection marked OUTSIDE and connect the cable from inside patch antenna to the connection marked INSIDE. Tighten the connections and wrap up any loose cable.

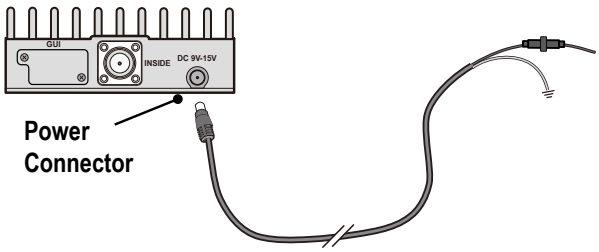


Step 4. Connect Power

Before and while wiring the power supply, disconnect vehicle battery. Hardwire installation requirements vary by vehicle. The following is only a general guide. Check with your manufacturer's vehicle for specific electrical placement or requirements.

Locate a +12V accessory ("ACC") wire that will switch on and off with the ignition. Connect to the power source and ground.

Once connections are complete, verify operation by connecting the DC power cord connector to the signal booster. The Power LED will briefly flash YELLOW/RED and then remain GREEN to indicate it is receiving power and is ready for use. Secure power cable.



Verify Your System is Working

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

To improve performance, antenna adjustments may be needed. Review the following potential causes:

- Verify the two antennas have sufficient separation/isolation from the other another.
- Verify the outside antenna has sufficient clearance above any metal objects and has at least 12 inch radius from other radiating elements, such as a radio antenna.

Note that the booster case may become warm during operation. This is normal.

'POWER' LED

During initialization, the LED will briefly flash YELLOW/RED. This is part of normal operation. Place a call in a location you have previously experienced poor signal and confirm that your phone is receiving a boosted signal. Normal operation is indicated by a solid GREEN LED. In the event a RED LED appears, antenna adjustments may be needed.

LED State	Status	Indication
Solid GREEN	Normal	Normal
Solid RED	Alert – Oscillation detected	Indicates that oscillation has caused the booster to shut off. Antenna repositioning is needed. Verify that there is sufficient separation between the outside and inside antennas, as well as any potentially interfering objects or antennas.

Troubleshooting

Problem	Resolution
Signal booster has no power	Verify that the Power LED is ON. Connect the power supply to an alternate power source. Verify that the power source is operational and the fuse is intact. If it remains OFF, contact tech support at: 1-888-365-6283 or support@surecall.com
After completing installation, signal has not Improved	Verify that cable connections are tightly fitted to the booster. Try further separating the antennas. ⓘ Note: 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.

SPECIFICATIONS

Product	**Fusion2Go Ultra Fleet**
Uplink Frequency Range (MHz):	698-716 / 776-787 / 824-849 / 1850-1915 / 1710-1755
Downlink Frequency Range (MHz):	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards:	5G, 4G, LTE cellular standards
Cellular Bands:	12 / 17 / 13 / 5 / 2 / 25 / 4
Maximum Gain:	50 dB
Input Impedance:	50 Ω
Gain Adjustment:	20 dB (Automatic)
Maximum Uplink Power:	30 dBm
DC Power:	9-15V
VSWR:	≤ 2.0
Exterior Antenna Cable / Length:	RG-58U / 15 ft
Interior Antenna Cable / Length:	302-series / 10 ft
12V Hardwire Power Supply Cable Length:	18 ft
RF Connectors:	FME Male (both ends)
Power Consumption:	≤ 15W
Operation Temperature:	-4º to +158º F
Dimensions:	8″ x 4″ x 1.4″
Weight:	2.25 lbs
Certification:	FCC ID: RSN-F2GULTRA Contains FCC ID: 2ATPO-PB03
	IC ID: 7784A-F2GULTRA Contains IC ID: 23236-PB03

WARNING: The booster is rated for 9-15V input voltage. DO NOT use the booster with a higher voltage power supply. This can damage the booster and/or cause personal injury.

Antenna Kitting Information

Component	Prod No. Description	Gain / Loss (dBi / dB)						
		LTE-A	LTE-V	800 MHz	1900 MHz	1700 MHz	2100 MHz	2600 MHz
Vehicle (Integrated cable)								
Inside Antenna and Cable	SC-110W and SC-174 (10 ft)	-2.7	-2.7	-3.2	-5.8	-3.98	-5.96	-6.96
	SC-111W and 302-3 (10 ft)	1.8	1.8	2	3.5	2.2	3	2.5
Outside Antenna and Cable	SC-203WN and RG-58U (17 ft)	1.3	1.2	1	1.6	1.7	0.1	-0.4

*All equivalent antennas and cables are suitable for use with the Fusion2Go Ultra

	PreAGC			PreAGC		
	Pulse GSM			4.1 MHz AWGN		
Frequency (MHz)	Input (dBm)	Output (dBm)	Gain (dB)	Input (dBm)	Output (dBm)	Gain (dB)
Uplink: 698-716	-21.9	26.4	48.3	-22.1	25.0	47.1
Uplink: 777-787	-20.2	27.5	47.7	-20.7	25.7	46.4
Uplink: 824-849	-19.5	26.6	46.1	-19.1	25.2	44.3
Uplink: 1710-1755	-20.6	25.8	46.4	-20.2	25.0	45.2
Uplink: 1850-1915	-19.4	25.9	45.3	-18.2	25.2	43.4
Downlink: 728-746	-41.0	4.8	45.8	-42.8	2.9	45.7
Downlink: 746-757	-43.5	3.3	46.8	-45.1	1.5	46.6
Downlink: 869-894	-43.4	3.7	47.1	-44.2	2.2	46.4
Downlink: 2110-2155	-39.6	5.7	45.3	-41.8	3.8	45.6
Downlink: 1930-1995	-39.8	5.3	45.1	-41.4	3.7	45.1

CONSUMER GUIDELINES

This is a CONSUMER device

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

Register your cellular booster with your wireless carrier at the following urls:

Verizon: http://www.verizonwireless.com/wcms/consumer/register-signal-booster.html
AT&T: https://securec45.securewebsession.com/attsignalbooster.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

FCC 15.105 Statement This equipment has been tested and found to comply with the 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is 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 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/TV technician for help.

15.19 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.

Warning: Unauthorized antennas cables and/or coupling devices are prohibited by FCC rules. Please contact FCC for details 1-888-CALL-FCC. The antenna, cables, and other accessories of the booster kits shall not be modified without the approval of the Cellphone-Mate Inc., otherwise it shall deemed invalid.

FCC 27.50(d)(4) : Fixed, mobile and portable (hand-held) stations operating in the 1720-1755 MHz band are limited 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.

THREE-YEAR PRODUCT WARRANTY

Register at www.surecall.com/activate

SureCall warrants its products for three years from the date of purchase against defects in workmanship and/or materials. Specifications are subject to change. The three-year warranty only applies to products meeting the latest FCC Certification Guidelines stated on 2/20/2013 and going into effect April 30, 2014. A two-year warranty applies to any products manufactured before May 1, 2014.

Products returned by customers must be in their original, un-modified condition, shipped in the original or protective packaging with proof-of-purchase documentation enclosed, and a Return Merchandise Authorization (RMA) number printed clearly on the outside of the shipping container.

Buyers may obtain an RMA number for warranty returns by calling the SureCall Return Department toll-free at 1-888-365-6283. Any returns received by SureCall without an RMA number clearly printed on the outside of the shipping container will be returned to sender. In order to receive full credit for signal boosters, all accessories originally included in the signal booster box must be returned with the signal booster. (The Buyer does not need to include accessories sold in addition to the signal booster, such as antennas or cables.)

This warranty does not apply to any product determined by SureCall to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages the product's physical or electronic properties.

SureCall warrants to the Buyer that each of its products, when shipped, will be free from defects in material and workmanship, and will perform in full accordance with applicable specifications. The limit of liability under this warranty is, at SureCall's option, to repair or replace any product or part thereof which was purchased up to THREE YEARS after May 1, 2014 or TWO YEARS for products purchased before May 1, 2014, as determined by examination by SureCall, prove defective in material and/or workmanship. Warranty returns must first be authorized in writing by SureCall. Disassembly of any SureCall product by anyone other than an authorized representative of SureCall voids this warranty in its entirety. SureCall reserves the right to make changes in any of its products without incurring any obligation to make the same changes on previously delivered products.

As a condition to the warranties provided for herein, the Buyer will prepay the shipping charges for all products returned to SureCall for repair, and SureCall will pay the return shipping with the exception of products returned from outside the United States, in which case the Buyer will pay the shipping charges.

The Buyer will pay the cost of inspecting and testing any goods returned under the warranty or otherwise, which are found to meet the applicable specifications or which are not defective or not covered by this warranty.

Products sold by SureCall shall not be considered defective or non-conforming to the Buyer's order if they satisfactorily fulfill the performance requirements that were published in the product specification literature, or in accordance with samples provided by SureCall. This warranty shall not apply to any products or parts thereof which have been subject to accident, negligence, alteration, abuse, or misuse. SureCall makes no warranty whatsoever in respect to accessories or parts not supplied by it.

Limitations of Warranty, Damages and Liability:

EXCEPT AS EXPRESSLY SET FORTH HEREIN, THERE ARE NO WARRANTIES, CONDITIONS, GUARANTEES, OR REPRESENTATIONS AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTIES, CONDITIONS, GUARANTEES, OR REPRESENTATIONS, WHETHER EXPRESSED OR IMPLIED, IN LAW OR IN FACT, ORAL OR IN WRITING.

SURECALL AGGREGATE LIABILITY IN DAMAGES OR OTHERWISE SHALL NOT EXCEED THE PAYMENT, IF ANY, RECEIVED BY CELLPHONE-MATE, INC. FOR THE UNIT OF PRODUCT OR SERVICE FURNISHED OR TO BE FURNISHED, AS THE CASE MAY BE, WHICH IS THE SUBJECT OF CLAIM OR DISPUTE. IN NO EVENT SHALL SURECALL BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, HOWSOEVER CAUSED.

All matters regarding this warranty shall be interpreted in accordance with the laws of the State of California, and any controversy that cannot be settled directly shall be settled by arbitration in California in accordance with the rules then prevailing of the American Arbitration Association, and judgment upon the award rendered may be entered in any court having jurisdiction thereof. If one or more provisions provided herein are held to be invalid or unenforceable under applicable law, then such provision shall be ineffective and excluded to the extent of such invalidity or unenforceability without affecting in any way the remaining provisions hereof.

SureCall has made a good faith effort to ensure the accuracy of the information in this document and disclaims the implied warranties of merchantability and fitness for a particular purpose and makes no express warranties, except as may be stated in its written agreement with and for its customers. SureCall shall not be held liable to anyone for any indirect, special or consequential damages due to omissions or errors. The information and specifications in this document are subject to change without notice.

© 2026. All Rights Reserved. All trademarks and registered trademarks are the property of their respective owners.

48346 Milmont Drive
Fremont, California 94538, USA
888.365.6283
www.surecall.com