PRODUCT CATALOG

INDUSTRY LEADING CELLULAR SIGNAL BOOSTERS & ANTENNAS

ISSUE 14

Wilson® Electronics, Inc.

Wilson® Electronics, Inc.

ENGINEERING • EXPERIENCE • EXCELLENCE

Wilson Electronics, Inc. has been a leader in the wireless communications industry for more than 40 years. The company designs and manufactures signal boosters, antennas and related components that significantly improve cellular signal reception and transmission in a wide variety of applications, including mobile, indoors and M2M. For its signal boosters, Wilson Electronics uses double-shielded RF enclosures and cell tower simulators for compliance testing. With extensive experience in antenna and signal booster research and design, the company's engineering team uses a state-of-the-art testing laboratory, including an anechoic chamber and network analyzers, to fine-tune antenna designs and performance. All products are engineered and assembled in the company's 76,000-square-foot headquarters in St. George, Utah, and wear the label MADE IN THE USA. Wilson Electronics has product dealers in all 50 states as well as in countries throughout the world.

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SYMBOL INDEX

- Passenger Vehicles
- Commercial Vehicles
- Recreational Vehicles
- Residential Buildings
- Industrial / Commercial Buildings
- Marine Craft
- M2M — Machine to Machine

ALL WILSON BOOSTERS INCLUDE THESE STANDARD FEATURES

- More than 20 times the power of your cell phone alone
- Extends device battery life
- Boosts both voice and data communications
- Provides a strong, reliable signal in weak signal areas
- All in-building boosters feature adjustable gain simplifying installation

WARRANTY INFORMATION

30-Day Money-Back Guarantee
All Wilson Electronics products are protected by a 30-day money-back guarantee. If for any reason the performance of any product is not acceptable, the product may be returned to the reseller with a dated proof of purchase.

Signal Booster Warranty

Wilson Electronics' signal boosters are warranted for one (1) year against defects in workmanship and/or materials.

Antenna Warranty

90-Day Warranty
Wilson Electronics antennas are warranted for ninety (90) days against defects in workmanship and/or materials.

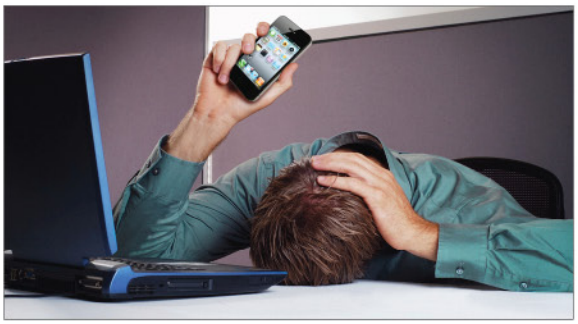
Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase. Signal boosters and antennas may also be returned directly to the manufacturer, at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by Wilson. Wilson shall, at its option, either repair or replace the product and will pay for delivery of the repaired or replaced product back to the original consumer within the U.S.

These warranties do not apply to any products determined by Wilson Electronics to have been subjected to misuse, abuse, neglect or mishandling that alters or damages physical or electronic properties.

Failure to use a surge protected AC Power Strip with at least 1000 Joule rating will void your warranty.

RMA numbers may be obtained by contacting Technical Support at 1-866-294-6996.

The Problem: Dropped Calls

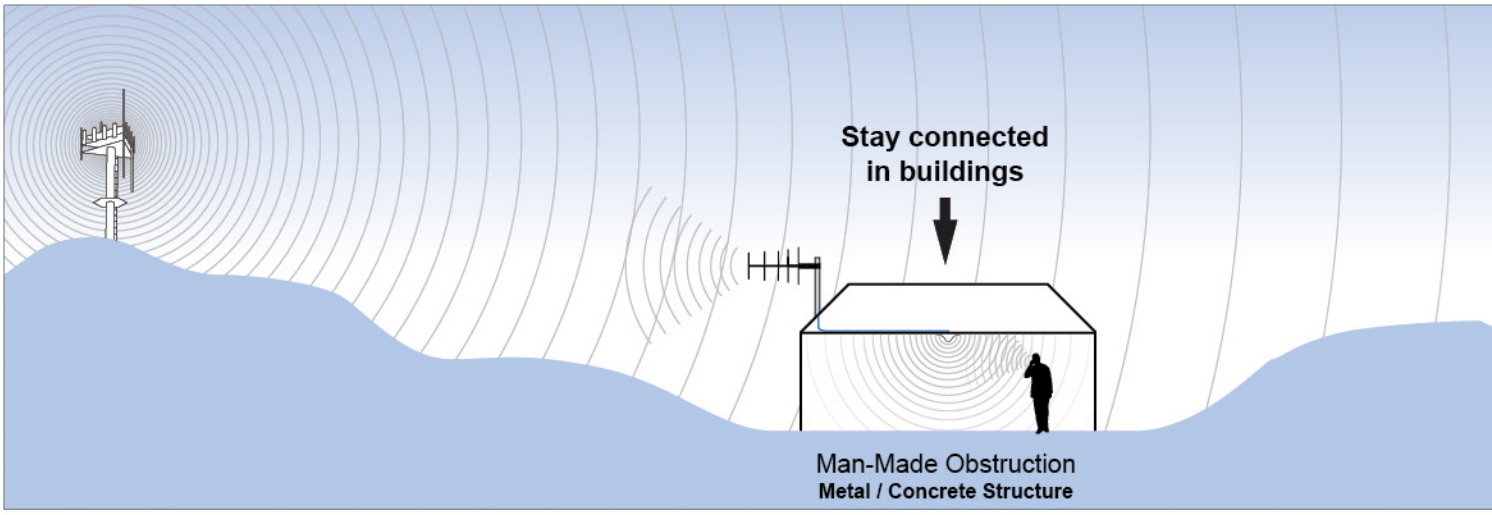


Everyone who uses a cellular device such as a cell phone, data card or cellular modem, knows how aggravating it is to drop a call or not be able to connect. Fortunately, Wilson Electronics has the solution! Our industry-leading cell phone signal boosters and antennas enable you to connect and maintain calls by improving your cellular signal at home, at work and on the go. Wilson Electronics keeps you connected!

Reasons for Dropped Calls and Slow Data Rates

1. **Location of the Nearest Cell Tower** Distance plays the biggest role in limiting cellular communications, especially in rural areas. The farther you are from a cell tower, the weaker your signal will be.
2. **Natural and Man-Made Obstructions** Hills, trees, valleys and buildings all interfere with the quality of the cellular signal between your phone or data card and the cell tower. Stucco and concrete walls used in homes, offices and other buildings block cellular signals, making it difficult to receive a strong cellular signal. You may be relatively close to a cell tower but unable to connect because of obstructions.

For stranded motorists and emergency services personnel, the inability to make a cell phone call can mean the difference between life and death.



The Solution: Wilson Electronics Products Boost Your Cellular Signal

Wilson Electronics cell phone signal boosters eliminate the frustration of dropped calls, limited range and slow data rates by amplifying incoming and outgoing cellular signals. With a reputation as the finest in the business, our bi-directional boosters and antennas are expertly engineered to detect and amplify weak incoming signals your cellular device would miss and simultaneously transmit a much stronger signal back to the cell tower.

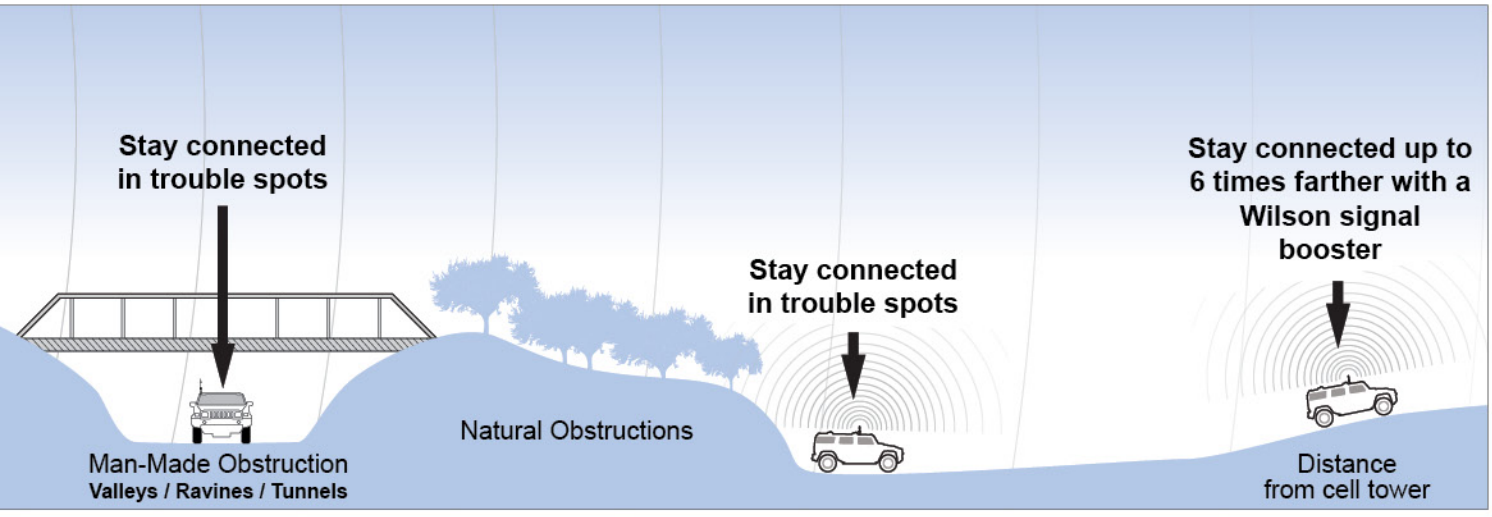
Product testing proves that Wilson signal boosters lead the industry with:

- **The highest receiver sensitivity: Captures weak and distant cellular signals**
- **The highest power output: Reaches distant cell towers**
- **Microprocessor-controlled circuitry: Patented smart technology that protects cell towers**

Wilson's wide range of plug-and-play packages and individual products for custom installations offer great value and ensures reliable cellular communication.

For people who rely on their cell phone or data card for business, it can affect the outcome of important business decisions or relationships.

The Sleek®
815226

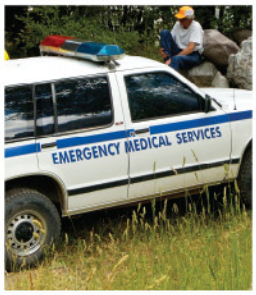


Stay Connected On The Go

CAR

TRUCK

RV

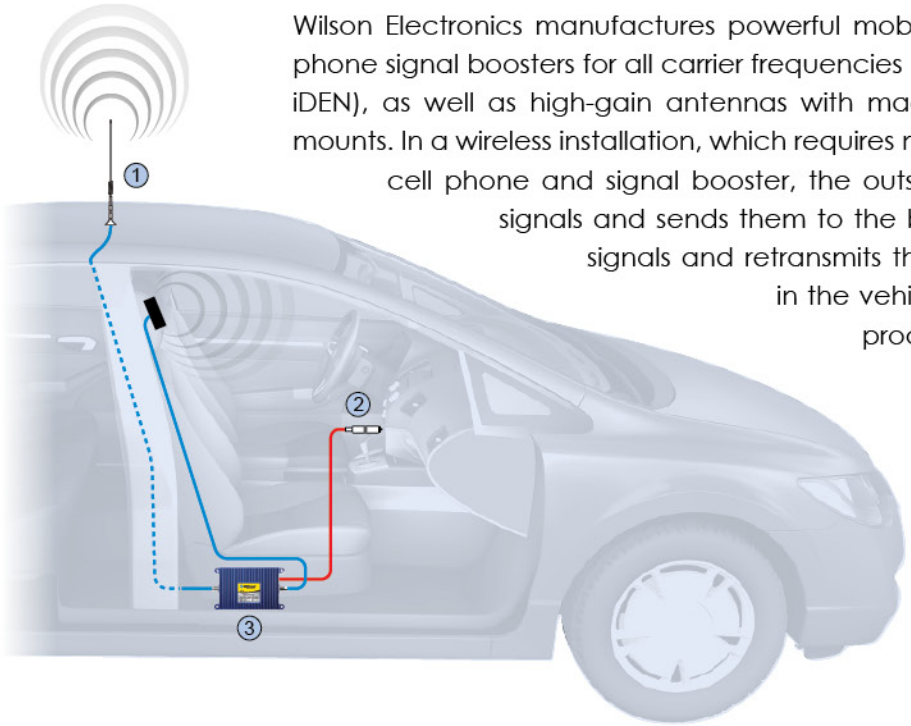


EMS

BOAT

Mobile Solutions

Whether you're traveling on land or at sea, Wilson Electronics keeps you connected!



Wilson Electronics manufactures powerful mobile wireless and direct-connect cell phone signal boosters for all carrier frequencies (Cellular, PCS, AWS, LTE, and Nextel/iDEN), as well as high-gain antennas with magnet, mirror, glass, and permanent mounts. In a wireless installation, which requires no physical connection between the cell phone and signal booster, the outside antenna collects weak cellular signals and sends them to the booster. The booster amplifies those signals and retransmits them to cell phones and data cards in the vehicle through the inside antenna. The process is then reversed and the amplified signals from the cell phone or data card are transmitted back to the cell tower.

Typical Installation

1. Outside antenna
2. Power Adapter
3. Mobile Wireless Signal Booster

Sleek® 815226

Wilson Electronics Sleek® booster improves both voice and data performance. With 20 times the power to the cell tower of a cell phone alone, it features a built-in antenna, battery charging port and works with Cellular (800 MHz) and PCS (1900 MHz) frequencies.

SUPPORTS SINGLE USER

MobilePro® 801241

The MobilePro can be easily moved from vehicle to building making it great for cars, hotels, airports and offices. Includes the MobilePro booster, outside Magnet Mount antenna and multiple mounting options and power supply options.

Supports Multiple Users

Dual Band Mobile Wireless 801212

Wilson Electronics most popular mobile signal booster combines with the outside Magnet Mount antenna and inside Low Profile antenna for a high performance multi-user option.

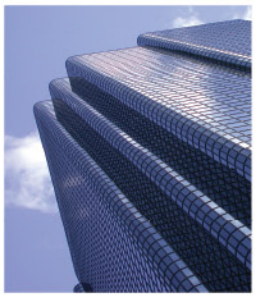
Supports Multiple Users

Stay Connected Indoors

HOME

APARTMENT

SMALL OFFICE



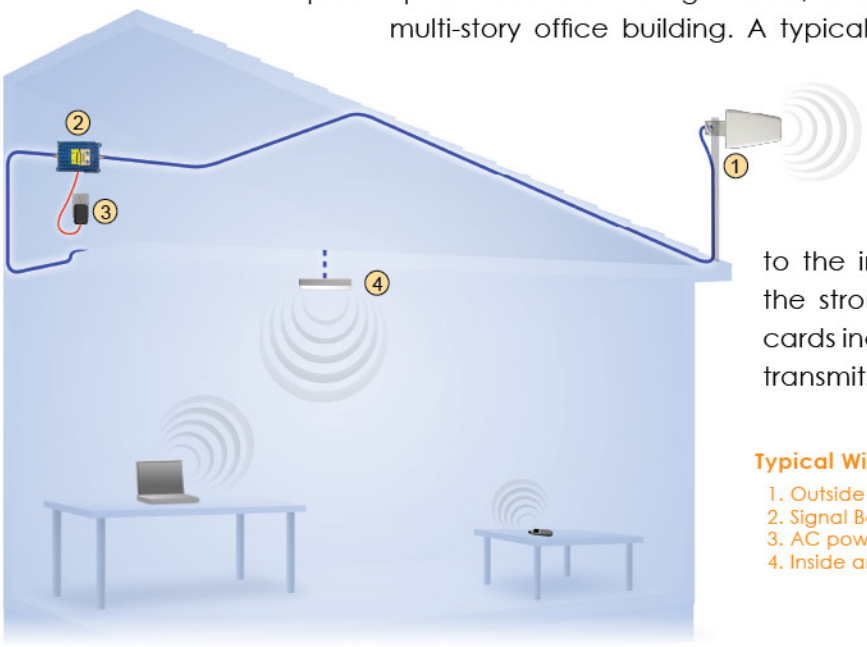
HIGH RISE

WAREHOUSE

Building Solutions

Wilson Electronics offers a full line of high-performance building signal boosters and antennas to give you a strong, reliable cell phone signal indoors.

Wilson Electronics manufactures building signal boosters and antennas to improve cell phone performance in a single room, an entire home, a large warehouse, or a multi-story office building. A typical wireless building system includes an outside antenna that detects weak cellular signals and sends them to the booster. Powered through a standard wall outlet, the booster amplifies those signals and sends them to the inside antenna, which communicates the stronger signal to cell phones and data cards indoors. When a cell phone or data card transmits, the process is reversed.



Typical Wireless Installation

1. Outside antenna
2. Signal Booster
3. AC power supply (power strip not shown)
4. Inside antenna

SOHO 841245

Features an outside high gain omni directional antenna (eliminates aiming the antenna), an inside panel antenna, and a booster. Includes everything needed for simple installation.

SUPPORTS PARTIAL HOUSE

DB Pro™ 841262

The DB Pro was designed for simple installation using standard TV cable often pre-wired in homes. Also includes an inside panel antenna, high gain DB Pro booster, cable and an outside omni directional antenna.

SUPPORTS WHOLE HOUSE

AG Pro 70™ & AG Pro 75™ Cellular Booster

The AG Pro series is a dual-band, installer-friendly booster designed to provide a strong cellular signal inside a building. It is the highest gain booster providing the largest coverage area.

SUPPORTS LARGE BUILDINGS

MOBILE SOLUTIONS

WILSON ELECTRONICS HAS A SOLUTION FOR EVERY APPLICATION!

Wilson® Electronics
Say Goodbye to Dropped Calls

700/800/1900 MHz

Sleek® 4G-V
26 dB

FEATURES

- Boosts Verizon Wireless® 700 MHz (Band 13) LTE as well as 3G & 2G cellular signals on 800 MHz & 1900 MHz
- Portable – can easily be moved between vehicles
- Reduces dropped calls, extends signal range, and increases data rates
- Amplifies signals to and from cell tower
- Receives weak signals the phone alone may not
- Built-in battery charging port (adapters sold separately)
- Adjustable to fit any size cell phone or MiFi® card
- Simplifies hands free operation
- Installs in minutes – no special tools required
- Package includes everything needed -- plug-and-play
- Attractive, compact design
- FCC Type Accepted

SPECIFICATIONS

Part Number	815126		
Frequency	746 - 757 MHz 776 - 787 MHz	824-894 MHz	1850-1990 MHz
Gain	26 dB	26 dB	26 dB
Max Uplink Power	450 mw	850 mw	600 mw
Noise Figure	5.0 dB nominal	5.0 dB nominal	3.0 dB nominal
Flatness	±4 dB		
Power Requirements	5V DC*		
Connectors	Antenna: SMA Female • Power adapter: Mini USB		
Dimensions	2.25 x 4.25 x 2.5 in / 5 x 9.5 x 5.6 cm		
Weight	2.5 oz / 0.07 kg		

Optional Home/Office Accessory Kit

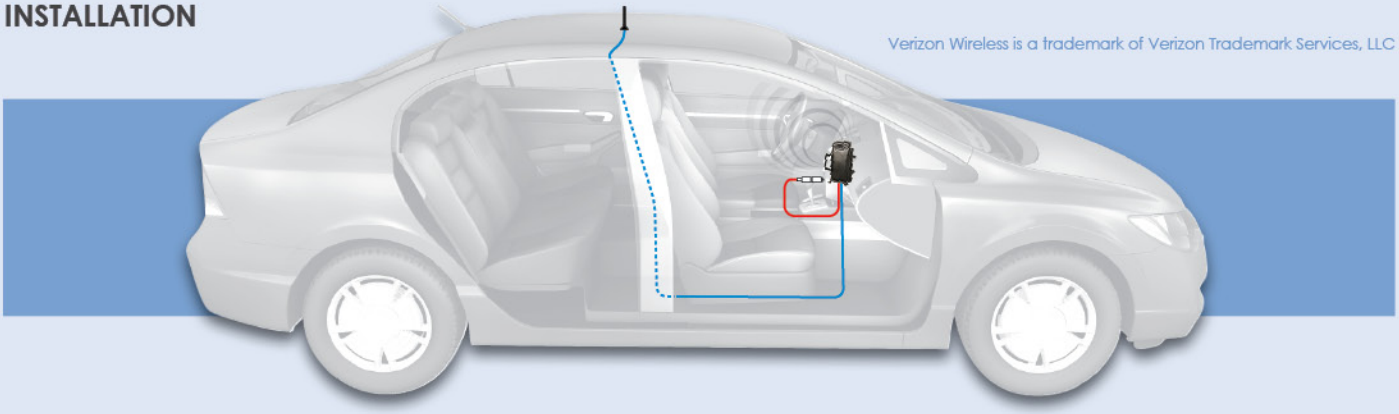
PART 859970

Includes: Adjustable Suction Cup Desk Mount
Window-Mount Antenna Bracket
13" Zippered Carrying Pouch
AC/DC Power Supply

Optional charging cables 859967 - Micro to mini USB
859966 - Mini to Mini USB
859979 - iPhone to Mini USB

* Use only with Wilson power supply

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

700/800/1900 MHz

Sleek® 4G-A
26 dB

FEATURES

- Boosts AT&T's 700 MHz (Band 12) 4G LTE as well as 3G & 2G cellular signals on 800 MHz & 1900 MHz
- Portable – can easily be moved between vehicles
- Reduces dropped calls, extends signal range, and increases data rates
- Amplifies signals to and from cell tower
- Receives weak signals the phone alone may not
- Built-in battery charging port (adapters sold separately)
- Adjustable to fit any size cell phone or MiFi® card
- Simplifies hands free operation
- Installs in minutes – no special tools required
- Package includes everything needed -- plug-and-play
- Attractive, compact design
- FCC Type Accepted

SPECIFICATIONS

Part Number	815326		
Frequency	698 - 716 MHz 728 - 746 MHz	824-894 MHz	1850-1990 MHz
Gain	26 dB		
Max Uplink Power	560 mw	660 mw	480 mw
Noise Figure	5.0 dB nominal	3.0 dB nominal	3.0 dB nominal
Flatness	±4 dB		
Power Requirements	5V DC		
Connectors	Antenna: SMA Female • Power adapter: Mini USB		
Dimensions	2.25 x 4.25 x 2.5 inch / 5 x 9.5 x 5.6 cm		
Weight	2.5 oz / 0.07 kg		

Optional Home/Office Accessory Kit

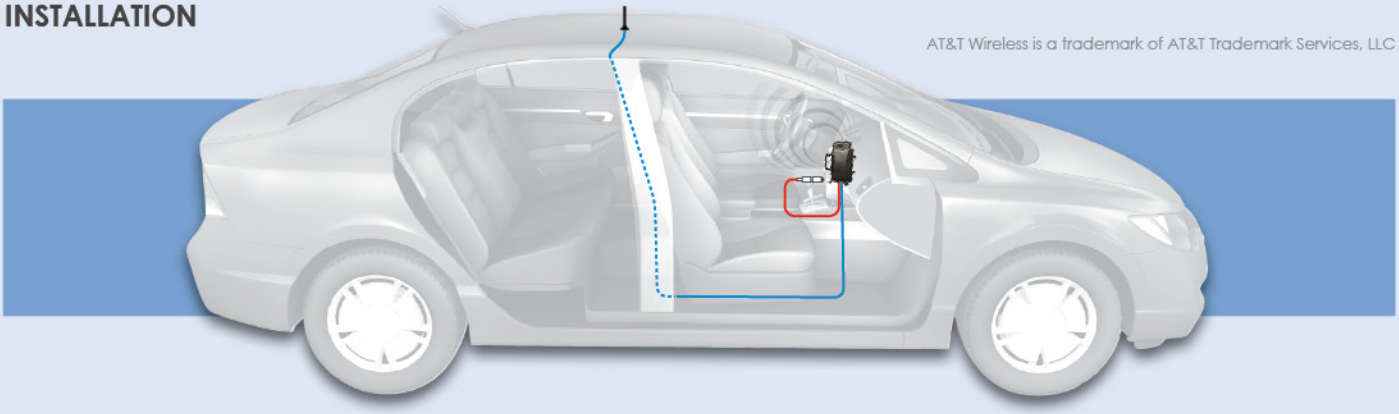
PART 859970

Includes: Adjustable Suction Cup Desk Mount
Window-Mount Antenna Bracket
13" Zippered Carrying Pouch
AC/DC Power Supply

Optional charging cables 859967 - Micro to mini USB
859966 - Mini to Mini USB
859979 - iPhone to Mini USB

* Use only with Wilson power supply

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

800/1700/1900/2100 MHz

Sleek® 4G-C
26 dB

FEATURES

- Boosts 4G on the AWS frequency band, as well as 3G & 2G cellular signals on 800 MHz & 1900 MHz
- Portable – can easily be moved between vehicles
- Reduces dropped calls, extends signal range, and increases data rates
- Amplifies signals to and from cell tower
- Receives weak signals the phone alone may not
- Built-in battery charging port (adapters sold separately)
- Adjustable to fit any size cell phone or MiFi® card
- Simplifies hands free operation
- Installs in minutes – no special tools required
- Package includes everything needed -- plug-and-play
- Attractive, compact design

SPECIFICATIONS

Part Number	812726		
Frequency	1710-1755 MHz 2110-2155 MHz	824-894 MHz	1850-1990 MHz
Gain	26 dB	26 dB	26 dB
Max Uplink Power	450 mw	830 mw	725 mw
Noise Figure	5.0 dB nominal	5.0 dB nominal	3.0 dB nominal
Flatness	±4 dB		
Power Requirements	5V DC*		
Connectors	Antenna: SMA Female • Power adapter: Mini USB		
Dimensions	2.25 x 4.25 x 2.5 in / 5 x 9.5 x 5.6 cm		
Weight	2.5 oz / 0.07 kg		

Optional Home/Office Accessory Kit

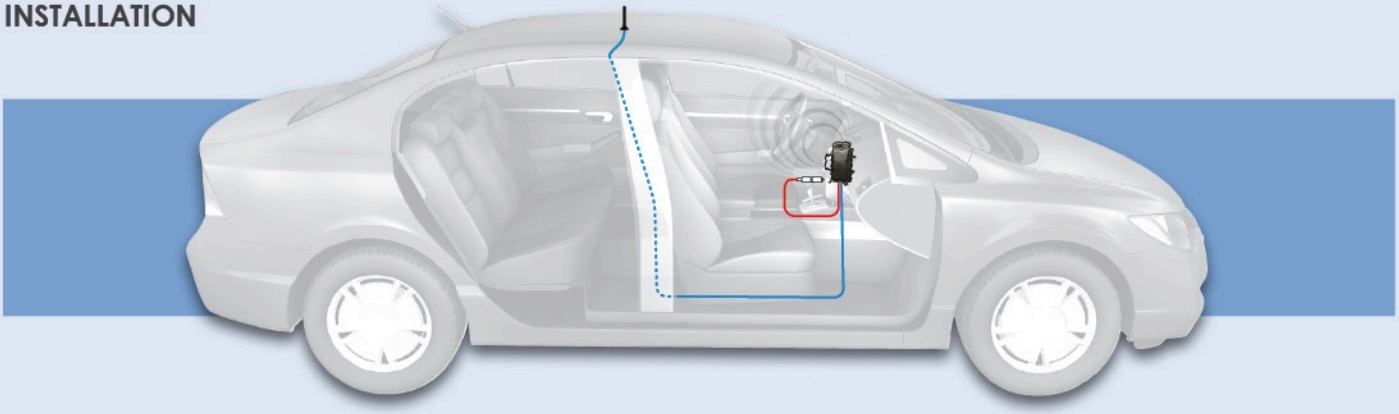
PART 859970

Includes: Adjustable Suction Cup Desk Mount
Window-Mount Antenna Bracket
13" Zippered Carrying Pouch
AC/DC Power Supply

Optional charging cables 859967 - Micro to mini USB
859966 - Mini to Mini USB
859979 - iPhone to Mini USB

* Use only with Wilson power supply

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

Sleek®
26 dB

FEATURES

- Portable – can easily be moved between vehicles
- Reduces dropped calls, extends signal range, and increases data rates
- Amplifies signals to and from cell tower
- Receives weak signals the phone alone may not
- Built-in battery charging port (adapters sold separately)
- Adjustable to fit any size cell phone or MiFi® card
- Simplifies hands free operation
- Installs in minutes – no special tools required
- Package includes everything needed -- plug-and-play
- Attractive, compact design
- FCC and IC Type Accepted

SPECIFICATIONS

Part Number	815226
Frequency	824-894 MHz / 1850-1990 MHz
Gain	26 dB / 26 dB
Max Uplink Power	1240 mw / 1800 mw
Max Downlink Power	+8 dBm
Noise Figure	3.0 dB nominal
Flatness	±4 dB
Power Requirements	5V
Connectors	SMA Female
Dimensions	2.25 x 4.25 x 2.5 in 5 x 9.5 x 5.6 cm
Weight	2.5 oz / 0.07 kg

KIT

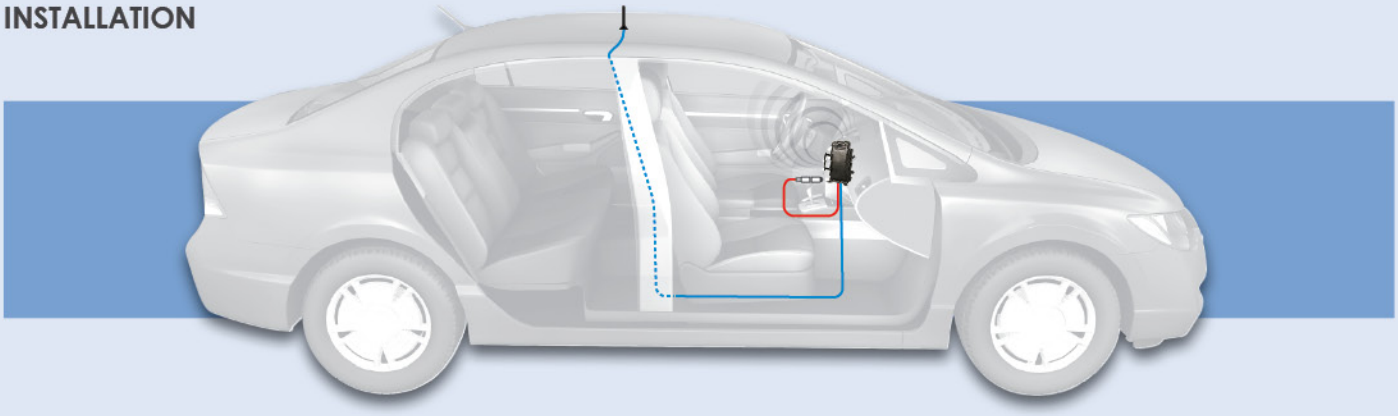
The Wilson Electronics' Sleek Signal Booster kit (815226) includes:*

- Sleek all-in-one cradle and signal booster
- Outside vehicle mini magnet-mount antenna
- Power adapter**
- 30-day money-back guarantee
- One-year product warranty

* In-Home accessory kit (859970) sold separately
** Use only with Wilson power supply

Optional charging cables
859967 - Micro to mini USB
859966 - Mini to Mini USB
859979 - iPhone to Mini USB

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

MobilePro®
40/45 dB

800/1900 MHz

FEATURES

Ideal for laptop data cards – can be powered by USB port.

- Portable – can easily be moved from vehicle to building
- Installs in minutes – no special tools required
- Features a built-in inside antenna
- Multiple power options - USB port, DC power supply (vehicle power adapter) or AC adapter
- Wireless operation – no physical connection to cell phone or data card
- FCC and IC Type Accepted

SPECIFICATIONS

Part Number	801240
Frequency	824-894 MHz / 1850-1990 MHz
Gain	40 dB / 45 dB
Max Uplink Power	1400 mw / 1225 mw
Max Downlink Power	6 / 0 dBm
Noise Figure	3.5 dB nominal
Flatness	±4 dB
Power Requirements	5V — 8V
Connectors	SMA Female
Dimensions	2 x 4.75 x 1 in 5.1 x 12.1 x 2.5 cm
Weight	3 oz / 0.09 kg

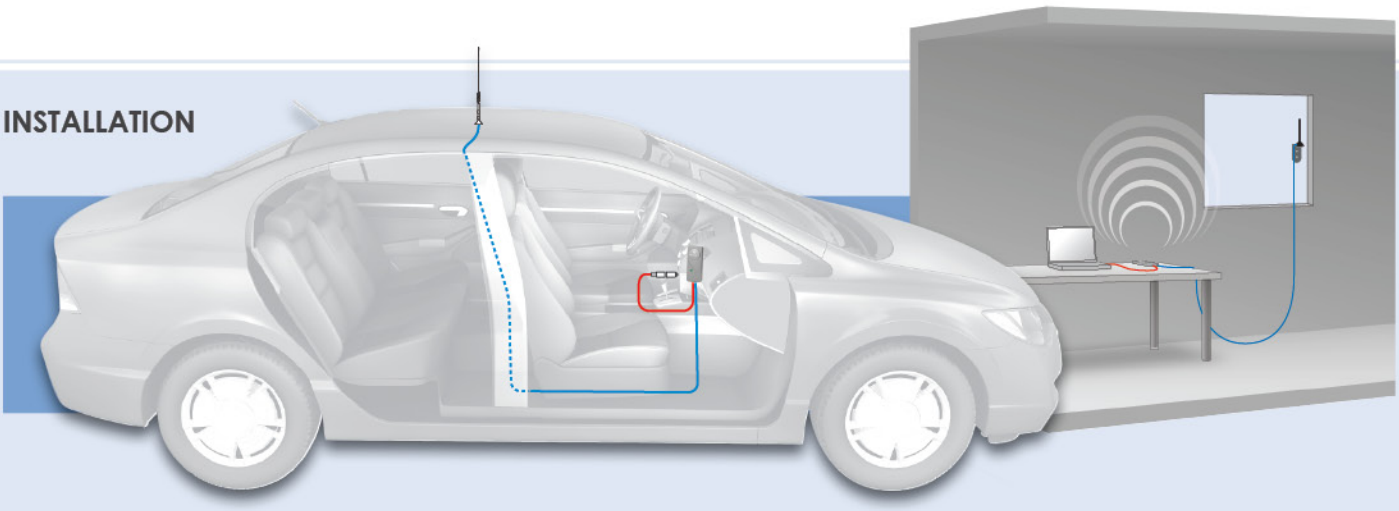
KIT OPTIONS

Wilson Electronics SIGNALBOOST MobilePro improves cell phone and data card performance on the road, in airports, hotels and office buildings. With more than 20 times the output power of a typical cell phone alone, it features a built-in antenna, supports multiple phones and data cards, works with Cellular (800 MHz) and PCS (1900 MHz) frequencies, and offers multiple power options (USB port, vehicle power adapter or standard AC outlet). The MobilePro is available in 2 plug-and-play kits to meet specific user needs.

SEE KIT COMPONENTS ON PAGE 30 & 31

Part Number	Exterior Antenna
801240	Purchased Separately*
801241	12" Magnet Mount
801242	4" Mini Magnet Mount
859952	Home Accessory Kit

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

Dual-Band Mobile Wireless
50 dB

DUAL-BAND

Best Selling and Top Performing Mobile Signal Booster

Used by public safety officials and government agencies as well as road warriors to truckers to soccer moms, thousands of drivers depend on Wilson Electronics Mobile Cellular Boosters to stay connected around town and on the open highway. These powerful boosters enable cell phone and data card users to extend their signal range, reduce dropped calls, and increase data rates with no physical connection to cell phone or data card. And, because they're wireless, these boosters support multiple users simultaneously.

FEATURES

- Allows multiple phones and cellular data cards to be used simultaneously
- Oscillation detection and shutdown with auto reset
- No physical connection to your cell phone or cellular data card
- Works on all generations of CDMA, TDMA, GSM, and 3G
- Power control logic ensures maximum gain
- Overload protection circuit – protects cell system from overload
- FCC and IC Type Accepted

ANTENNA OPTIONS

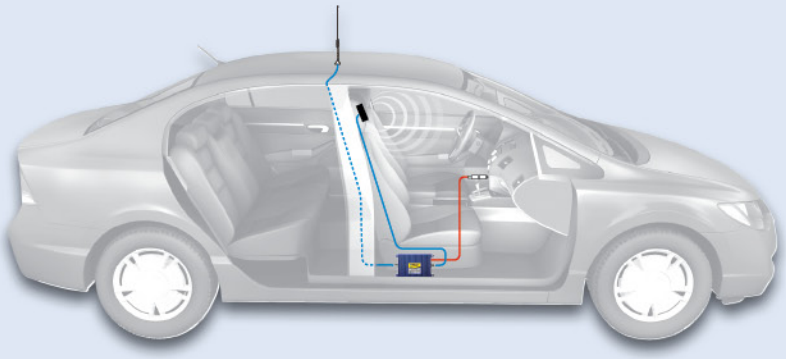
- NMO Antenna
- Magnet Mount Antenna
- Mini Magnet Mount Antenna
- Trucker Antenna

For additional options for this product see pages 32-35

SPECIFICATIONS

Part Number	801201 **KIT**
Frequency	824-894 MHz / 1850-1990 MHz
Gain	50 dB / 50 dB AUTOMATIC GAIN CONTROL
Max Uplink Power	2800 mW / 2300 mW
Max Downlink Power	+10 dBm
Noise Figure	3.5 dB nominal
Flatness	±4 dB
Power Requirements	6 V, 3 A max
Connectors	FME-Male 50 ohms
Dimensions	5 x 3.5 x 1.25 in 11.43 x 8.9 x 3.2 cm
Weight	1.5 lbs / 0.7 kg

INSTALLATION DIAGRAM



KIT = Available in Plug-and-Play kit (Page 30)

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 • 900/1800 • 900/2100 MHz

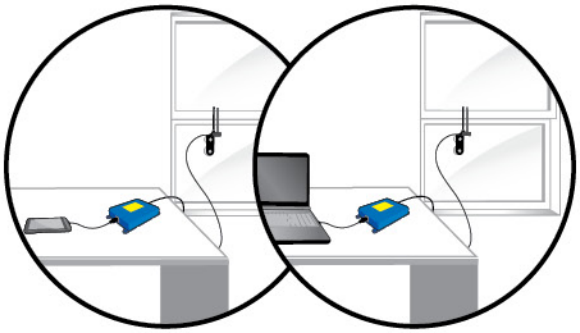
SIGNALBOOST™ Dual-Band Cellular Boosters

30 dB

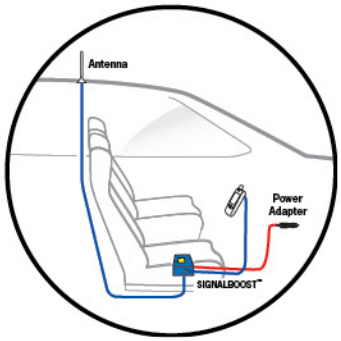
FEATURES

Inductively couples to phone and all data cards with Ultra-Slim antenna - no adapter required. Operates similar to direct connect signal boosters.

- Works with all Cellular/PCS cell phones and data cards (except iDEN)
- Connects to ALL phones and data cards with a Universal Ultra-Slim Antenna using a Velcro® patch
- No plug-in phone adapter needed
- Significantly improves voice and data signal quality
- Increases data communication rates needed for 3G technologies
- Receives and transmits better than your cell phone
- Works great in mobile, building and marine applications
- Works on all generations of CDMA, TDMA and GSM
- Up to 3 watts maximum power
- FCC and IC Type Accepted



HOME/OFFICE INSTALLATION DIAGRAM

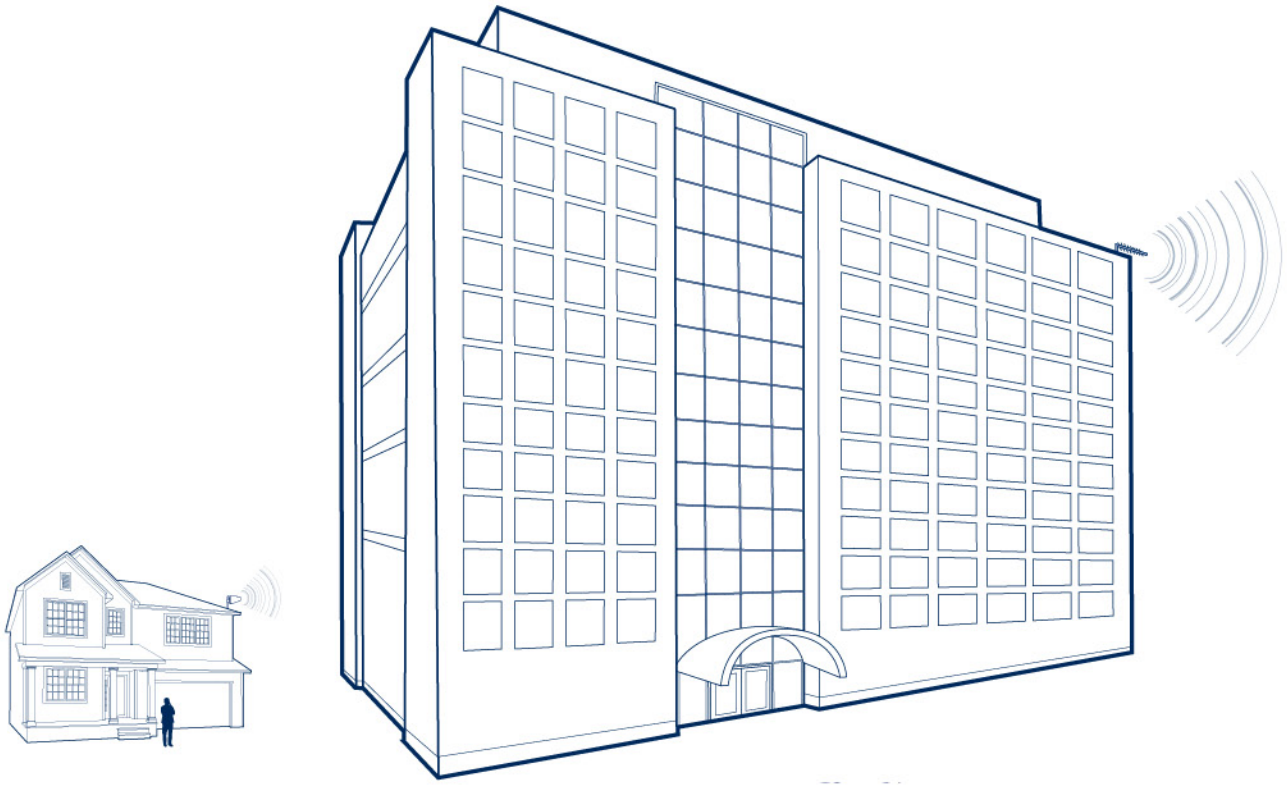


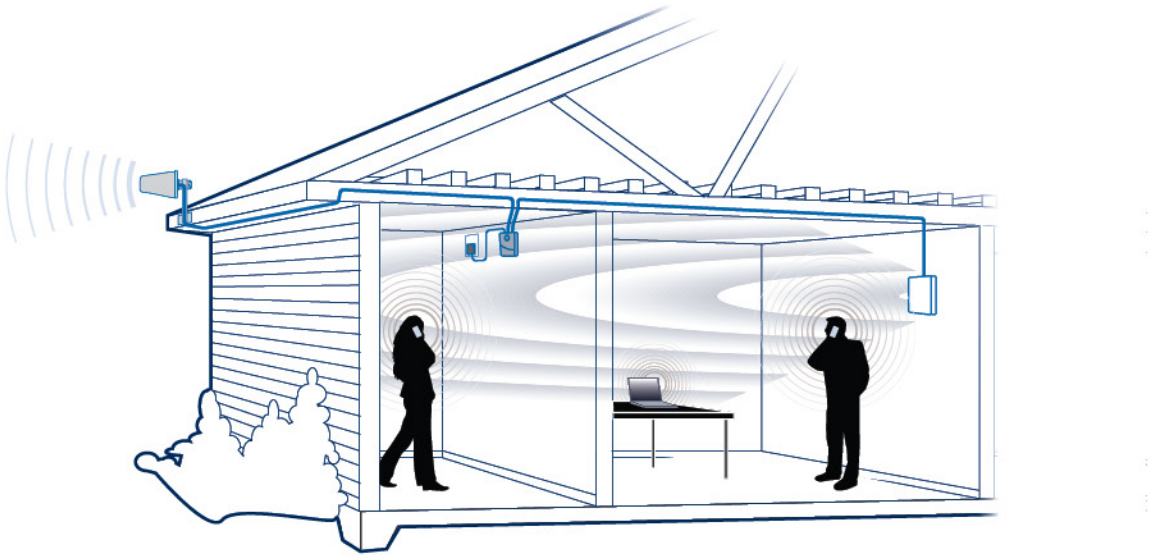
MOBILE INSTALLATION DIAGRAM

SPECIFICATION

	HOT 811210 KIT	811710 INTERNATIONAL USE KIT	811910 INTERNATIONAL USE KIT
Part Number			
Frequency	824-894 MHz 1850-1990 MHz	890-960 MHz 1710-1880 MHz	890-960 MHz 1885-2200 MHz
Gain	30 dB / 30 dB		
Max Uplink Power	2700 mw / 1070 mw		
Max Downlink Power	+6 / +7 dBm		
Noise Figure	3.5 dB nominal		
Flatness	±2 dB		
Power Requirements	12 V DC / 2 A max		
Connectors	FME-Male 50 ohms		
Dimensions	5 x 3.5 x 1.5 in / 12.7 x 8.9 x 3 cm		
Weight	1.03 lbs / 0.468 kg		

BUILDING SOLUTIONS





WILSON ELECTRONICS HAS VARIOUS SIGNAL BOOSTERS FOR USE INDOORS

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

DT Desktop Signal Booster 800/1900 MHz

55 dB/60 dB

Improve cellular device performance in your home or office – anywhere you need a stronger signal indoors!

- A Best Seller
- Boosts multiple cellular devices simultaneously
- Works with all 800 MHz & 1900 MHz devices & carriers
- DIY installation
- Extends cellular device battery life
- FCC and IC Type Accepted

FEATURES

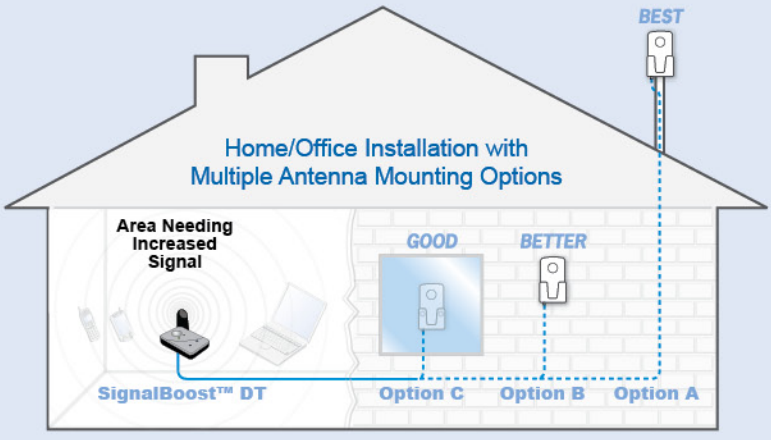
- Boosts signals to and from cell tower
- Connects wirelessly to cellular devices
- Separate gain controls for 800 and 1900 frequency bands
- Supports multiple simultaneous connections
- FCC and IC Type Accepted
- Automatic cell tower protections
- Universally supports all 800 MHz & 1900 MHz devices

PACKAGE CONTENTS

SPECIFICATIONS

Part Number	801247
Frequency	824-894 MHz / 1850-1990 MHz
Gain	55 dB / 60 dB
Max Uplink Power	1200 mw / 1114 mw
Max Downlink Power	26 dBm / 25 dBm
Noise Figure	3.5 dB nominal
Flatness	±5 dB
Power Requirements	120-240V AC, 50-60 Hz, 8 W
Connectors	SMA-Female / F-Female
Dimensions	6.2 x 4.2 x 1.5 in 15.7 x 10.7 x 3.8 cm
Weight	0.64 lbs / 0.29 kg

INSTALLATION



Wireless operation - no physical connection to cell phone or cellular data card

801247 SIGNALBOOST™ DT DUAL-BAND 800/1900 MHZ DESKTOP SIGNAL BOOSTER

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

DB Pro™ Cellular Booster (75 ohm)

62 dB/65 dB

One of Wilson's BEST SELLING dual-band (800 &1900 MHz) wireless signal booster for use in homes, offices and other buildings.

The DB Pro™ cellular booster significantly improves voice and data performance of any cellular device on any network (Cellular and PCS) inside of buildings experiencing weak signal, such as: homes, fire stations, command posts, offices and other buildings. This 62/65 dB building signal booster combines high performance with ease of installation. The DB Pro booster can be used with an outside omni-directional gain antenna with multiple mounting options that eliminates researching cell tower locations and antenna orientation. The inside panel antennas can be ceiling or wall mounted and can be completely disguised. All components are interconnected using readily available RG-6 Coax, which is often found pre-installed, simplifying cable runs.

FEATURES

- A Best Seller
- Significantly improves voice and data quality
- Works wirelessly with multiple cell phones and data cards simultaneously
- Receives and transmits better than your cell phone alone
- Designed for use with standard TV cable common in many homes
- Extends cell phone battery life
- Cell tower friendly technology
- FCC and IC Type Accepted

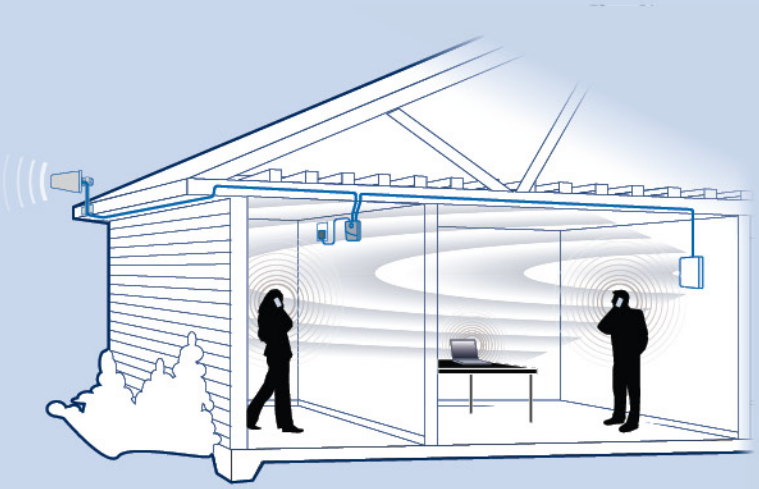
841262
Kit includes outside Ohm antenna

841263
Kit includes outside directional antenna

SPECIFICATIONS

Part Number	**801262**
Frequency	824-894 MHz / 1850-1990 MHz
Gain	62 dB / 65 dB
Max Uplink Power	1200 mw / 1114 mw
Max Downlink Power	26 dBm / 25 dBm
Noise Figure	3.5 dB nominal
Flatness	±5 dB
Power Requirements	120-240V AC, 50-60 Hz, 8 W
Connectors	F-Female
Dimensions	6.2 x 4.2 x 1.5 inch 15.7 x 10.7 x 3.8 cm
Weight	*0.64 lbs / 0.29 kg *Weight and dimensions are for amplifier only, for total kit weight contact your Wilson Electronics sales representative.

INSTALLATION



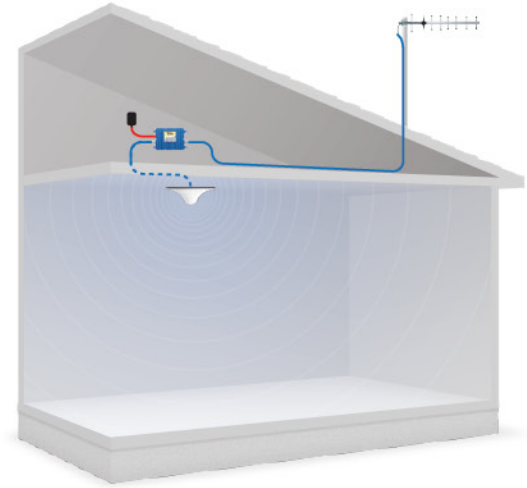
880/960 MHz

900 MHz Building Wireless Cellular Booster

Versatile, Powerful Wireless Signal Boosters for use in Homes, Offices and other Buildings

The performance of cell phones and laptop data cards can be compromised in many buildings due to concrete, stucco, or metal walls that block the cellular signals coming in and going out. To remedy that problem, Wilson Electronics offers the 801506 Signal Booster. Available in a 60 dB model and covering 880/960 MHz, this indoor signal booster supports multiple cell phones and data cards simultaneously and is compatible with a wide variety of Wilson indoor and outdoor antennas. The result? A strong, reliable cell signal where you need it, at home or at work.

INSTALLATION



FEATURES

- Works with all cell phones and laptop data cards
- Improves data communication rates needed for 3G technologies
- Automatic gain control up to 60 dB
- Gain indicator lights
- Shutdown on overload protection
- Built for International use
- FCC Type Accepted (at 162 mw)

SPECIFICATIONS

Part Number	**801506** INTERNATIONAL USE
Frequency	880-915 MHz / 925-960 MHz
Gain (Rx/Tx)	60 dB
Max Uplink Power	1000 mw
Max Downlink Power	23 dBm
Noise Figure	3 dB typical
Flatness	±4 dB
Power Requirements	6 V DC, 3 A max
Connectors	N-Female 50 ohms
Dimensions	5.6 x 3.6 x 1.7 in / 14.2 x 9.1 x 4.4 cm
Weight	1.5 lbs / 0.7 kg

Wilson® Electronics
Say Goodbye to Dropped Calls

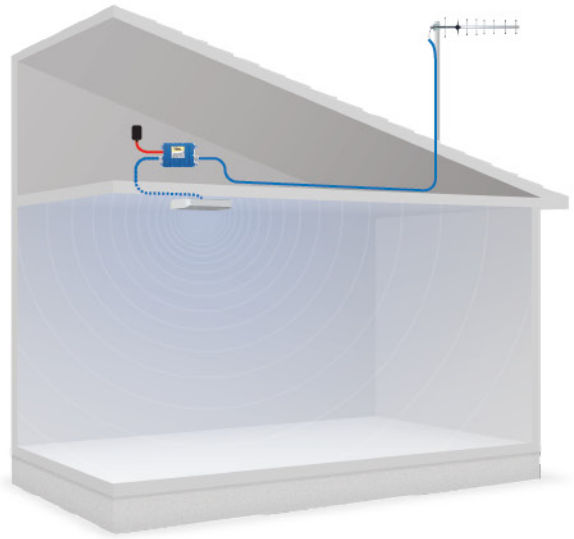
800 MHz iDEN

iDEN Building Wireless Booster
70 dB

Versatile, Powerful Wireless Signal Boosters for use in Large Buildings

The performance of iDEN phones can be compromised in many buildings due to concrete, stucco, or metal walls that block the cellular signals coming in and going out. To remedy that problem Wilson Electronics offers the iDEN Signal Booster. Available in a 70 dB model, this indoor signal booster supports multiple phones simultaneously and is compatible with a wide variety of Wilson indoor and outdoor antennas. The result? A strong, reliable cell signal where you need it, at home or at work.

INSTALLATION



SPECIFICATIONS

Part Number	804080
Gain (Rx/Tx)	70 dB
Frequency	806-824 MHz 851-869 MHz
Max Uplink Power	3020 mw
Max Downlink Power	26.91 dBm
Noise Figure	3 dB typical
Flatness	±2.5 dB
Power Requirements	7 V DC, 3 A max
Connectors	N-Female 50 ohms
Dimensions	5.6 x 3.6 x 1.7 in / 14.2 x 9.1 x 4.4 cm
Weight	1.5 lbs / 0.7 kg

FEATURES

- Significantly improves voice quality
- Works with all iDEN phones
- Extends phone battery life
- Automatic gain control up to 70 dB
- Gain indicator lights
- Shutdown on overload protection
- Up to 3-watt power amplifier
- FCC and IC Type Accepted

Wilson® Electronics
Say Goodbye to Dropped Calls

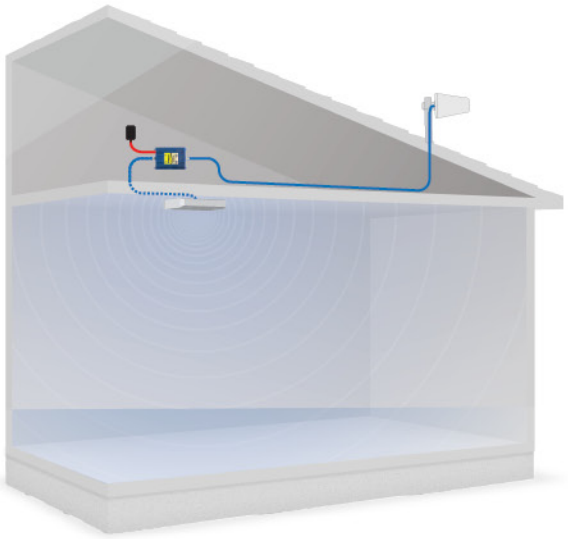
800/1900 MHz

AG SOHO (Small Office / Home Office) 60 & 65 Wireless Boosters

SOHO Dual-Band Cellular Boosters – Perfect for Small Offices, Home Offices, RV's and Buses

For users needing improved cellular performance in a small office or home office environment, Wilson Electronics SOHO boosters are great solutions. Offering dual-band (800/1900 MHz) compatibility, the wireless SOHO boosters support multiple cell phones and data cards simultaneously. They can be paired with a wide variety of Wilson indoor and outdoor antennas for a truly customized system. Depending on outside signal strength, the SOHO can improve cellular strength in a single room or an entire home.

INSTALLATION



SPECIFICATIONS

Part Number	SOHO 60 801245	SOHO 65 805045
Frequency	824-894 MHz / 1850-1990 MHz	
Gain	55 dB / 60 dB	62 dB / 65 dB
Max Uplink Power	1200 mw / 1114 mw	1200 mw / 1114 mw
Max Downlink Power	26 dBm / 25 dBm	26 dBm / 25 dBm
Noise Figure	3 dB / 4 dB nominal	3 dB / 4 dB nominal
Flatness	±5 dB	
Power Requirements	6 V AC / 3 A max	
Connectors	FME-Male 50 ohms	N-Female 50 ohms
Dimensions	5.6 x 3.6 x 1.7 in / 14.2 x 9.1 x 4.4 cm	
Weight	1.5 lbs / 0.7 kg	

FEATURES

- Ideal for small offices and rooms, RV's and buses
- Works on all generations of CDMA, TDMA, GSM and 3G technologies
- Adjustable gain control for optimal gain at almost any location
- Optional kit available (841245/SOHO 60)
- For 800 MHz and 1900 MHz Bands
- AC power supply included
- Oscillation detection and gain reduction
- FCC and IC Type Accepted

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

AG Pro 70™ & AG Pro 75™ Cellular Boosters

SUPPORTS MULTIPLE USERS

SUPPORTS LARGE BUILDINGS

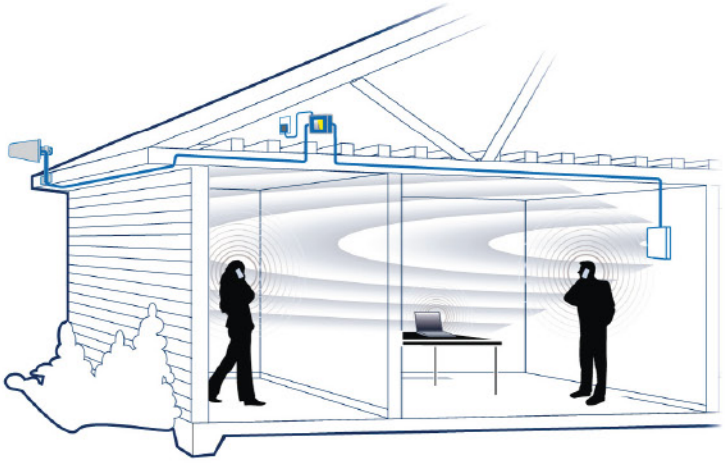
AG Pro 70 & AG Pro 75 Cellular Boosters – Highest Gain Solutions for Large Residential or Commercial Buildings

The AG Pro 70 & 75 are dual-band, installer-friendly boosters designed to provide a strong cellular signal inside a building. The adjustable gain feature also simplifies installation by making antenna placement less critical.

FEATURES

- Ideal for large building installations
- Configurable with a variety of Wilson cellular antennas to fit virtually any building installation
- Adjustable gain control for optimal gain at almost any location
- The AG Pro 70 is a 70 ohm & the AG Pro 75 is a 50 ohm
- FCC and IC Type Accepted

INSTALLATION



SPECIFICATIONS

Part Number	801265	801280
Frequency	824-894 MHz / 1850-1990 MHz	
Gain	65 dB / 70 dB	70 dB / 75 dB
Max Uplink Power	1200 mw / 1110 mw	
Max Downlink Power	26 dBm / 25 dBm	
Noise Figure	3.5 dB nominal	
Flatness	±5 dB	
Power Requirements	110-240 V AC, 50-60 Hz, 8 W	
Connectors	F-Female	N-Female
Dimensions	5.7 x 4.2 x 1.5 in / 14.0 x 10.8 x 3.9 cm	
Weight	0.48 lbs / 0.22 kg	

Wilson® Electronics
Say Goodbye to Dropped Calls

1700/2100 MHz

AWS 70 Cellular Booster (Band 4)

AWS 70 indoor signal booster improves performance of phones, data cards, and tablets operating on the AWS 1700/2100 band

The new AWS 70 from Wilson Electronics is an indoor signal booster that provides consumers a strong signal and larger coverage area for devices operating on the Advanced Wireless Services (AWS) 1700/2100 MHz band.

This device supports multiple simultaneous connections. Wilson signal boosters feature cell tower protection technologies developed over more than a decade of research and development. These protections, many of which are not provided by competing boosters, give peace of mind to installers and customers who don't have to worry about this booster causing cell tower interference.

BENEFITS

- Faster, cleaner data transfers for devices operating on the AWS band
- Boosts signal for multiple devices simultaneously
- Provides a strong, reliable signal in weak signal areas
- Greatly reduces dropped connections
- Extends device battery life

SPECIFICATIONS

Part Number	802365
Frequency	1710-1755 MHz / 2110-2155 MHz
Gain	70 dB
Max Uplink Power	600 mw
Max Downlink Power	22 dBm
Noise Figure	3.5 dB nominal
Flatness	±5 dB
Power Requirements	110-240 V AC, 50-60 Hz, 10 W
Connectors	N-Female
Dimensions	5.7 x 4.2 x 1.5 in / 14.0 x 10.8 x 3.9 cm
Weight	1.27 lbs / 0.544 kg

FEATURES

- Provides a strong, reliable signal in weak signal areas
- Separate adjustable gain controls for uplink (device-to-tower) & downlink (tower-to-device)
- Configurable with a variety of Wilson antennas to fit virtually any building installation
- Supports all devices – including smart phones, data cards, tablets, mobile Wi-Fi hotspots - and technologies operating on the AWS 1700/2100 band
- FCC and IC Type Accepted

Wilson® Electronics
Say Goodbye to Dropped Calls

700 MHz

4G-V LTE 700 Indoor Cellular Booster (Band 13) Verizon

70 dB

Improve Verizon Wireless™ LTE Device Performance in Large Buildings

The 4G LTE 700 (801865) from Wilson Electronics is a professional grade signal booster that provides a strong signal and larger coverage area for Verizon Wireless™ LTE-capable devices inside a building. This booster delivers faster data transfers in weak-signal areas.

Providing gain up to 70 dB, the 4G LTE 700 signal booster is ideal for office buildings with weak, unreliable Verizon Wireless LTE signal. The booster supports multiple simultaneous connections and includes very fast oscillation sensing technology. It also features cell tower proximity detection and auto-shutdown in addition to other cell tower protection safeguards. These features make it the safest consumer 4G signal booster available. The model works with all LTE devices operating on the Verizon Wireless 700 MHz network.

BENEFITS

- Faster, cleaner data transfers for Verizon Wireless 4G LTE phones, data cards and tablets
- Boosts signal for multiple devices simultaneously
- Provides a strong, reliable signal in weak signal areas
- Greatly reduces dropped connections
- Extends device battery life

SPECIFICATIONS

Part Number	801865
Frequency	776 - 787 MHz (Band 13)
Gain	70 dB
Max Uplink Power	740 mw
Max Downlink Power	25 dBm
Noise Figure	3.5 dB nominal
Flatness	±5 dB
Power Requirements	110-240 V AC, 50-60 Hz, 10 W
Connectors	N-Female
Dimensions	5.7 x 4.2 x 1.5 in / 14.0 x 10.8 x 3.9 cm
Weight	1.27 lbs / 0.544 kg

FEATURES

- Provides a strong, reliable signal on the Verizon Wireless 4G LTE band even in weak signal areas
- Separate adjustable gain controls for uplink (device-to-tower) & downlink (tower-to-device)
- Configurable with a variety of Wilson antennas to fit virtually any building installation
- FCC Type Accepted
- Supports all LTE-capable devices operating on Verizon Wireless 700 MHz network (Band 13)

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

AG Pro-Installer Signal Booster

ADJUSTABLE GAIN ON UPLINK & DOWNLINK

the AG Pro-Installer cellular signal booster designed for professional installation in large buildings

The AG Pro Installer from Wilson Electronics is a wireless dual-band booster that provides a strong cellular signal for a large coverage area inside a building. The adjustable gain controls on this booster allow the installer to set separately the uplink (device-to-tower) gain and downlink (tower-to-device) gain on both the 800 MHz and the 1900 MHz spectrum bands. This allows the installer to optimize the booster's gain to match the requirements of the building in which it is installed, and simplifies installation by making antenna placement less critical.

The AG Pro Installer delivers up to 75 dB gain, Wilson's highest gain signal booster, to provide coverage for large buildings suffering from weak, unreliable signal. This device supports multiple simultaneous connections and works with all cellular devices operating on all North American 800 and 1900 MHz networks.* Like all Wilson signal boosters, it features cell tower protection technologies refined over more than a decade of research and development. Unlike other signal boosters that cover only a single wireless spectrum band and cost thousands of dollars more, the AG Pro Installer delivers dual-band performance, high gain, and high value.

*except Nextel/iDEN

INSTALLER BENEFITS

- Optimal up-sell for residential and commercial installers
- Customers will rave about strong, reliable signal and faster, cleaner 3G data transfers

SPECIFICATIONS

Part Number	801285	
Power Output by Frequency	800 MHz	1900 MHZ
Max Uplink Power	1200 mw	1114 mw
Max Downlink Power	26.0 dBm	25.2 dBm
Gain	70 dB at 800 MHz & 75 dB at 1900 MHz	
Noise Figure	3.5 dB nominal	
Flatness	±5 dB	
Power Requirements	110-240 V AC, 50-60 Hz, 8 W	
Connectors	N-Female	
Dimensions	5.7 x 4.2 x 1.5 in / 14.0 x 10.8 x 3.9 cm	
Weight	1.27 lbs / 0.544 kg	

FEATURES

- Separate adjustable uplink & downlink gain controls for 800 MHz & 1900 MHz bands
- Provides a strong, reliable signal even in weak signal areas
- Amplifies any 2G or 3G signal on North American 800 & 1900 MHz cellular networks*
- Configurable with a variety of Wilson cellular antennas and in-line signal boosters to fit virtually any large building installation
- FCC and IC Type Accepted

Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

In-Line Booster

The 806215 booster helps installers and integrators overcome signal loss issues that often occur with booster installations in larger buildings

The new Wilson In-line booster addresses a common need of signal booster installations in larger buildings by restoring up to 17 dB of gain that may be lost due to long runs of connecting cable or by the use of signal splitters to accommodate multiple antennas. The In-line booster complements Wilson's line of professional grade cellular boosters, providing installers and integrators with booster system solutions for buildings of any size and for installations from the simplest to the most complex.

FEATURES

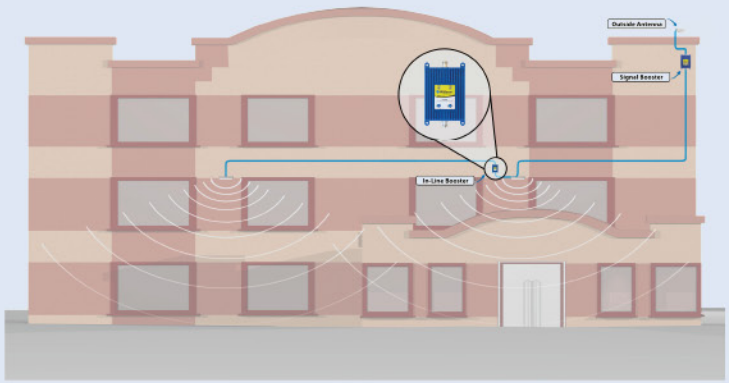
- Separate adjustable gain controls
- Provides up to 17dB gain to compensate for signal loss
- Compatible with all 800 & 1900 MHz cellular networks* – 2G & 3G
- Configurable with a variety of Wilson signal boosters to fit virtually any large building installation
- FCC and IC Type Accepted

INSTALLER BENEFITS

- Natural up-sell for residential and commercial installers
- Maintains strong, reliable signal even after long cable runs
- Allows installation of multiple inside antennas with minimal signal loss
- Simplifies complex installations in larger buildings
- Compatible with Wilson antennas and signal boosters

SPECIFICATIONS

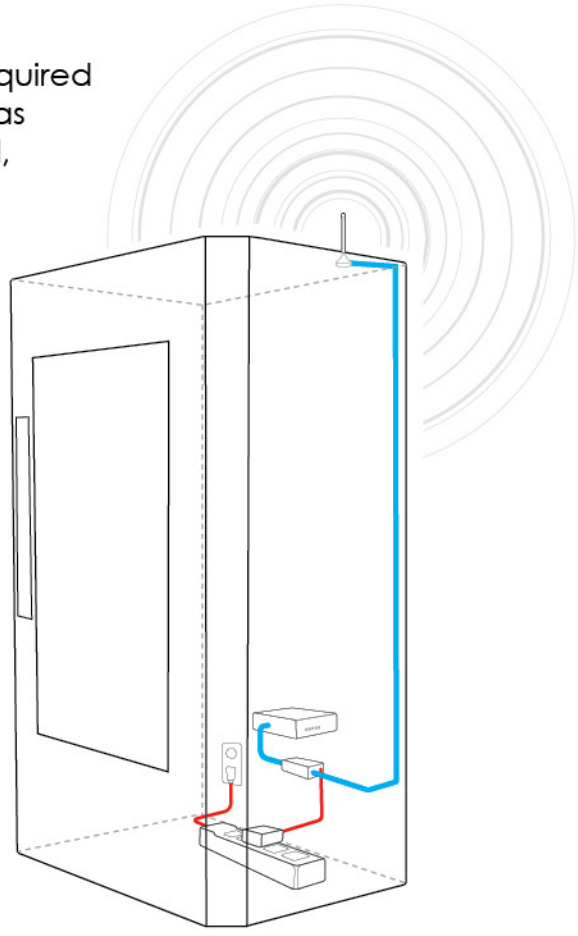
Part Number	806215
Frequency	800 / 1900 MHz
Gain	17 dB / 17 dB
Max Uplink Power	0.4 mw / 0.6 mw
Max Downlink Power	26 dBm / 25 dBm
Noise Figure	3.5 dB / 6 dB nominal
Flatness	±2 dB
Power Requirements	6 V AC / 1.5 A max
Connectors	N-Female 50 ohms
Dimensions	5.7 x 4.2 x 1.5 in 14.0 x 10.8 x 3.9 cm
Weight	1.27 lbs / 0.544 kg



Keeping Your Machine-to-Machine Devices Connected

A Wilson Electronics cellular booster provides two primary benefits for Machine-to-Machine connected devices:

- Assures a strong, reliable signal can be acquired and maintained - even in weak signal areas
- Reduces data error rates from weak signal, resulting in quicker transfers



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Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

DataPro™ Direct Connect Cellular Booster

M2M Market

The machine-to-machine (M2M) or connected device universe is sometimes called the Internet of Things because devices communicate with each other over wired or wireless connections and share data without direct human intervention. Juniper Research has forecast the number of wireless M2M devices will grow to 412 million by 2014. Growth will be led by utility metering, mobile connected buildings, telematics, and automated retail and banking connections, according to Juniper.

A significant percentage of M2M devices will continue for the foreseeable future to rely on wireless networks that now exist. In locations where cellular signals are weak due to distance from the cell tower, terrain features, or building materials like concrete and steel, the DataPro Direct Connect provides a strong reliable signal, ensuring successful data transfer.

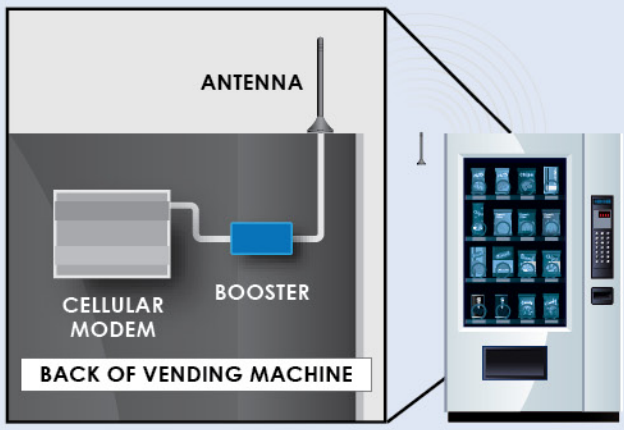
FEATURES

- Bi-directional booster amplifies signal to and from cell tower
- Works on all carriers on 800/1900 freqencies
- Configurable to fit virtually any M2M situation
- FCC and IC Type Accepted

SPECIFICATIONS

Part Number	811225
Frequency	824-894 MHz / 1850-1990 MHz
Gain	12 dB / 12 dB
Max Uplink Power	1400 mw / 1860 mw
Max Downlink Power	0 dBm / 1dBm
Noise Figure	3 dB nominal
Flatness	±3 dB
Power Requirements	5V DC, 1A
Connectors	SMA Female
Dimensions	3.3 x 1.9 x .8 in / 8.4 x 4.8 x 2.0 cm
Weight	0.18 lbs / 0.082 kg

INSTALLATION



Wilson® Electronics
Say Goodbye to Dropped Calls

800/1900 MHz

GSM High Power Direct Connect Cellular Signal Booster

Wilson Electronics' GSM High Power Direct Connect Cellular Signal Booster for M2M Installations

The GSM High Power Direct Connect is a signal booster developed specifically for M2M installations. This direct connect configuration delivers a strong, reliable signal for cellular modems, ensuring the successful transfer of critical data. It's based on the same field tested, market-proven technology that powers Wilson's cellular signal boosters for the consumer market. The dual-band GSM High Power is ready to integrate with GSM modem installations to provide strong, reliable cellular signal that ensures successful M2M data transfer. This booster works on all GSM networks operating on 800 MHz and 1900 MHz frequency bands.

Integrators and OEMs can pair the GSM High Power with a variety of expertly designed Wilson Electronics cellular antennas for maximum system gain to overcome a weak signal. The GSM High Power also incorporates power control logic that ensures maximum output power is within cellular network standards and will not interfere with a cellular network.

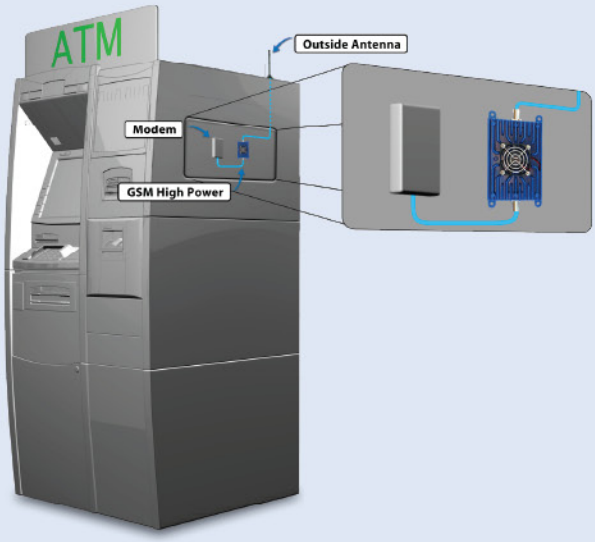
BENEFITS & FEATURES

- Boosts both signal coming from the cell site, and the signal going back
- Strong, reliable signal even in remote locations or other weak signal areas
- Less resending of data due to poor connection means faster data transfers
- Compatible with all GSM cellular technologies
- Can be paired with a variety of Wilson Electronics cellular antennas
- FCC and IC Type Accepted
- Configurable to fit virtually any M2M installation

SPECIFICATIONS

Part Number	**811216**
Frequency	800 / 1900 MHz
Gain	12 dB / 13 dB
Max Uplink Power	4170 mw / 3170 mw
Noise Figure	3 dB / 4 dB nominal
Flatness	±2 dB
Power Requirements	7 V DC / 3 A max
Connectors	SMA-Female 50 ohms
Dimensions	6.2 x 3.5 x 2.0 in / 15.8 x 8.9 x 5.1 cm
Weight	1.56 lbs / 0.71 kg

INSTALLATION



811216

NEW PRODUCT

GSM HIGH POWER DIRECT CONNECT CELLULAR SIGNAL BOOSTER

Wilson® Electronics
Say Goodbye to Dropped Calls

Direct-Connect Boosters

811201

811701 / 811901

FEATURES

- Improves voice and data signal quality
- Improves data communication rates needed for 3G technologies
- Power control logic ensures maximum output power is within cellular network standards
- Automatic gain control
- Advanced electronics receive and transmit better than a cell phone or cellular data card
- Connects directly to cell phone or data device with a Wilson antenna adapter
- Mobile, marine and building use
- Greatly reduces disconnects, drop-outs, and noise
- Transmits signal energy to the outside antenna
- 3 watt power signal booster
- Active GPS bypass

SPECIFICATIONS

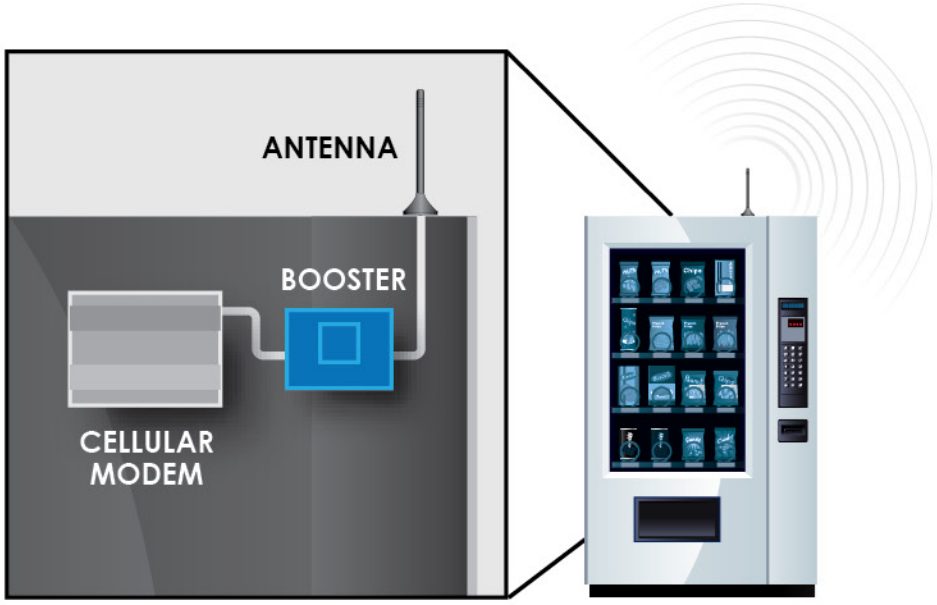
Part Number	811201	811701	811901
Frequency (MHz)	824-894 MHz / 1850-1990 MHz	890-960 MHz / 1710-1880 MHz	890-960 MHz / 1920-2170 MHz
Gain	20 dB	20 dB	
Max Uplink Power	2240 mw / 930 mw	3000 mw / 1830 mw	
Max Downlink Power	0 dBm / 0 dBm		
Noise Figure	3.5 dB nominal		
Flatness	± 2 dB		
Power Requirements	12 V, 0.5-1.5 A max		
Connectors	FME-Male 50 ohms		
Dimensions	5 x 3.5 x 1.2 in / 12.70 x 8.9 x 3 cm	5.4 x 4.7 x 1.4 in / 14.0 x 11.9 x 3.5 cm	
Weight	1.03 lbs / 0.468 kg	1.32 lbs / 0.6 kg	

Antenna Options
Pages 32-39

- Mini Magnet-Mount Antenna
- Directional Yagi Antenna
- Magnet-Mount Antenna
- Trucker Antenna
- Marine Antenna

Optional Accessories
Page 42-44

- Coax Cable Extension
- Lightning Suppressor
- Surge Protector



BACK OF VENDING MACHINE

Mobile Antenna Options
Pages 32-35

- Mini Magnet-Mount Antenna
- Magnet-Mount Antenna
- Trucker Style Antenna
- NMO Antenna

Optional Accessories
Pages 44-45

- Coax Cable Extension
- Hardwire Power Supply Kit

OPTIONAL KIT COMPONENTS

KIT PART NUMBER	OUTSIDE ANTENNA	SIGNAL BOOSTER	INSIDE ANTENNA
801201 =	CHOICE OF ANTENNA SOLD SEPARATELY	801201	+ 301127
801212 =	301103	+ 801201	+ 301127

MOBILE WIRELESS

Wilson Electronics has taken its most popular signal booster, the Dual-Band Mobile Wireless, and combined it with several other top-selling components to create two rugged high-performance kits.

- The 801201 features Wilson's Low Profile inside vehicle antenna and is designed for users who want to choose their own outside antenna.
- For plug-and-play convenience, the 801212 includes the Low Profile interior antenna along with Wilson's best-selling 12-inch Magnet-Mount outside antenna, an ideal combination for passenger cars, vans and light trucks.

KIT PART NUMBER	OUTSIDE ANTENNA	SIGNAL BOOSTER	INSIDE ANTENNA
811210 =	CHOICE OF ANTENNA SOLD SEPARATELY	811210	+ 301143
811211 =	301113	+ 811210	+ 301143
811214 =	301103	+ 811210	+ 301146

SIGNALBOOST™

Wilson Electronics affordable SIGNALBOOST™ amplifier is the perfect choice for the user looking to improve cellular signals for a single cell phone or data card on the road or indoors. The Ultra-Slim Antenna attaches to any phone or data card – no equipment-specific adapter is required.

- The 811210 is the basic SIGNALBOOST™ kit and is designed for users who prefer to select their own outside antenna.
- Compact mini magnet-mount antenna is included with the 811211. It attaches quickly and easily to a vehicle roof or to the optional window-mount bracket for building use.
- For a hands-free mobile application, the 811214 features the Cradle Plus. Acting as a signal coupler, the Cradle Plus transfers the signal between the phone and the signal booster and is compatible with any hands-free device.

NOTE: 811710 & 811910 can also be put into kits upon request.

KIT PART NUMBER	OUTSIDE ANTENNA	SIGNAL BOOSTER	INSIDE ANTENNA
841246 MARINE =	308430	+ 801245	+ 301135

MARINE KIT

•Ideal kit for use in a boat

OPTIONAL KIT COMPONENTS

KIT PART NUMBER	OUTSIDE ANTENNA	SIGNAL BOOSTER	HOME ACCESSORY KIT
815225 =	CHOICE OF ANTENNA SOLD SEPARATELY +	 815225	
815226 =	 301126 +	 815225	
815126 =	 301126 +	 815125 4G-V	

SLEEK® & SLEEK® 4G-V CELLULAR SIGNAL BOOSTERS

Wilson Electronics Sleek® improves both voice and data performance on-the-go. With more than 20 times the power to the cell tower of a cell phone alone, it features a built-in antenna, battery charging port and works with Cellular (800 MHz) and PCS (1900 MHz) frequencies.

The Wilson Electronics' Sleek Signal Booster kit (815226) includes:*

- Sleek all-in-one cradle and signal booster
- Outside vehicle mini magnet-mount antenna
- Power adapter**
- 30-day money-back guarantee
- One-year product warranty

* In-Home accessory kit (859970) available
** Use only with Wilson power supply

KIT PART NUMBER	OUTSIDE ANTENNA	SIGNAL BOOSTER	HOME ACCESSORY KIT
801240	CHOICE OF ANTENNA SOLD SEPARATELY +	 801240 +	
801241 =	 301125 +	 801240 +	
801242 =	 301126 +	 801240 +	

SIGNALBOOST™ MOBILEPRO®

Unique to the industry, the SIGNALBOOST™ MobilePro® is an affordable, compact and portable signal booster system designed to improve cell phone and data card performance for people on the go. The slim booster unit incorporates a built-in inside antenna and packs more than 20 times the power of a cellphone alone. For added versatility, it can be powered through a computer USB port, a vehicle power adapter or a standard AC wall outlet. Two plug-and-play kits are available.

- The 801241 includes everything needed for improved cellular performance on the road and indoors. The package includes the booster itself, along with Wilson's popular 12-inch magnet-mount antenna, a suction-cup window bracket, all power options, and a convenient carrying case.
- For users desiring a lower profile antenna, the 801242 replaces the 12-inch magnet-mount antenna with our four-inch mini magnet-mount antenna.

Wilson® Electronics
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High-Gain Antennas

Rugged, High-Gain Antennas Deliver Powerful Performance

Professional drivers demand top performance from their equipment. Wilson provides just that with its line of Trucker, RV and Marine antennas. Available in four models for alternative installations. These antennas offer the highest allowable gain, dual-band versatility (800/1900 MHz) and omni-directional design. Engineered specifically for trucks, RVs and marine applications, these popular antennas can also be used for fixed installation on buildings.

301101 / 301701 Trucker Mirror-Mount Antenna
19-inch fiberglass mast raises antenna above trailers

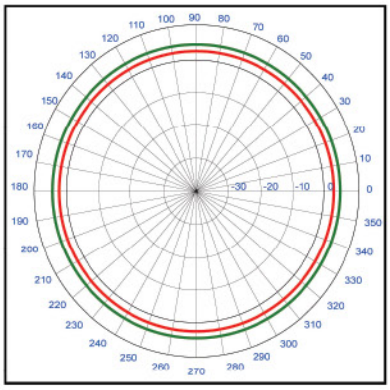
301119 RV / Trucker Roof-Mount Antenna
5/8-inch x 7-inch threaded mounting rod spans the distance between roof and headliner

301133 RV / Trucker Spring-Mount Antenna
Built-in spring reduces impact damage

301130 Marine Antenna
Weatherproof and waterproof

FEATURES

- Mobile, marine and building use
- No ground plane required
  Built-in ground plane allows for use on any surface - metal, fiberglass, wood, etc.
- 19-inch fiberglass mast raises antenna above obstructions (301101)
- Mounting options available for any application



Signal Patterns
H - Plane @ 850 MHz
H - Plane @ 1920 MHz

SPECIFICATIONS

Part Number	301101	301701	301119	301133	301130
Frequency Range	Refer to table on page 40				
Impedance	50 ohms				
Antenna Gain	Refer to table on page 40				
Signal Pattern	Omni				
Polarization	Vertical				
Ground Plane	Built-In Ground Plane				
Connector	FME Female				
Material	Whip - Stainless Steel Extension - Fiberglass		Whip - Stainless Steel		Whip - Stainless Steel Casing - Fiberglass
Coax Cable	RG58 - 10.5 feet / 3.2 meters		RG58 - 13.5 feet / 4.115 meters		RG58 - 7 inches
Height	32.0625 inches / 81.45 cm		18 inches (24 inches including threaded mount)	21.5 inches including spring mount / 54.61 cm	21 inches / 53.3 cm (including coupler)
Mount	Standard CB 3/8-inch x 24 Thread		5/8-inch x 7-inch Threaded Mounting Rod	3-Way Mount with Spade Stud Part# 901104	Standard 1-inch x 14 thread

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General Mobile External Antennas

Stay Connected on the Road with Wilson Electronics Mobile Antennas

Designed for use with our mobile signal boosters, Wilson Electronics wide range of mobile antennas offers top performance and multiple mounting options. Our best-selling magnet-mount antennas install in seconds and are transferable between vehicles. For a more permanent installation, users can choose from glass- or NMO-mount options.

301103 • 301125 • 301128 • 301703 • 304202
Magnet-Mount Antenna

301113 • 301126 • 301131 • 301132
Mini Magnet-Mount Antenna

FEATURES

- Perfect for cars, vans and light trucks
- Mobile and indoor use

SPECIFICATIONS

	Magnet-Mount Antennas					Mini Magnet-Mount Antennas			
Part Number	HOT 301103	301125	301128	301703	304202	301113	301126	301131 WHITE	301132 WHITE
Frequency Range (MHz)	Refer to table on page 40								
Impedance	50 ohms								
Antenna Gain	Refer to table on page 40								
Signal Pattern	Omni								
Polarization	Vertical								
Ground Plane	Metal ground plane required								
Connector	FME Female	SMA Male	TNC Male	FME Female	FME Female	FME Female	SMA Male	FME Male	N Male
Material	Whip - Stainless Steel					Whip - Plastic Coated Steel Wire			
Coax Cable	RG174 - 10 feet / 3.05 meters								
Height	12.25 inches / 31.12 cm					4.175 inches / 10.60 cm			
Mount	Rare earth magnet					Rare earth magnet			

301102 • 301114 • 304201
Glass-Mount & Mini Glass-Mount Antennas
Permanent installation

301112 NMO Trucker Antenna
Same styling as our popular trucker antenna for NMO mounting

301104 • 304203 • 301105 NMO Antennas

Glass-Mount & Mini Glass-Mount Antennas			NMO Trucker Antennas	NMO Antennas		
301102	304201	301114	301112	301104	304203	301105
Refer to table on page 40						
50 ohms						
Refer to table on page 40						
Omni						
Vertical						
Built-In Ground Plane			Metal ground plane required			
FME Female			Sold Seperately			
Whip - Stainless Steel		Whip - Plastic Coated Steel Wire	Whip - Stainless Steel			
RG58 - 14 feet / 4.27 meters			sold separately	sold separately		
15 inch / 38.10 cm		5.375 inch / 13.65 cm	13.25 inches / 33.7 cm	13.88 inches / 35.3 cm		
Glass mounting with 3M™ adhesive			NMO Mount Types (see NMO mount options on page 41)			

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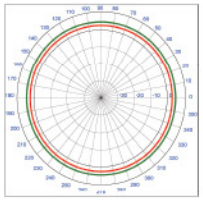
Low Profile & Ultra-Slim Antennas

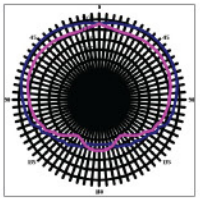
800/1900 MHz • 900/1800 MHz
900/2100 MHz

FEATURES

- Low profile antennas for discreet installation
- Includes mounting options



Signal Patterns
301127, 301143, 301149
Omni-directional when mounted vertically
H - Plane @ 850 MHz
H - Plane @ 1920 MHz



Signal Patterns
301208, 301209, 301210
H - Plane @ 806-894 MHz
H - Plane @ 1850-1990 MHz

301127

301143
301149

301208
301209
301210

SPECIFICATIONS

Part Number	301127	301143	301149	301208	301209	301210
Frequency	Refer to table on page 40					
Impedance	50 ohms					
Antenna Gain	Refer to table on page 40					
Signal Pattern	Omni when mounted vertically			120° H Plane		
Polarization	Vertical					
Connector	FME Female		SMA Male	FME Female	TNC Male	SMA Male
Coax Cable	RG174 - 14 ft / 4.27 m			RG174 - 5 ft / 1.524 m		
Length	5 in. / 12.7 cm	3.25 in. / 8.26 cm		5.13 in / 13 cm		
Width	1.5 in / 3.8 cm			1.56 in / 4 cm		
Building Mount	Minimum 6 inches away from metal					

Wilson® Electronics
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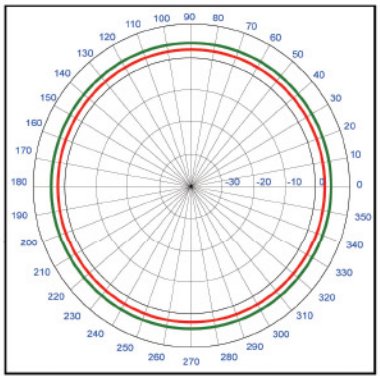
800/900/1800/1900/2100 MHz

Cradle Plus Antennas

Hands-Free Safety and Convenience

Wilson Electronics innovative Cradle Plus features a built-in inside antenna that works with Wilson SIGNALBOOST™ amplifiers. When placed in the Cradle Plus, a cell phone benefits from the maximum possible signal improvement from the booster system, due to the proximity of the built-in antenna.



Signal Patterns
H - Plane @ 850 MHz
H - Plane @ 1920 MHz

FEATURES

- Compatible with all cell phones and data cards
- Increases driver safety
- Supports any hands-free device, including ear-buds and Bluetooth® products
- Adjustable to fit any cell phone or MiFi® card
- Multiple mounting options: console, dashboard or windshield
- Installs in minutes

SPECIFICATIONS

Part Number	301146	301148
Frequency Range	Refer to table on page 40	
Impedance	50 ohms	
Antenna Gain	Refer to table on page 40	
Connector	FME Female	SMA Male
Coax Cable	RG 174 - 7.5 ft	
Length	4.125 in / 10.5 cm	
Width	2.875-4.5 in / 7.3-11.4 cm	

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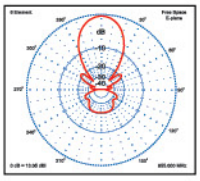
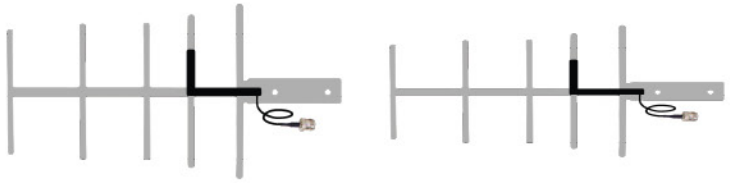
800 • 800/900 • 900 MHz 1900 MHz

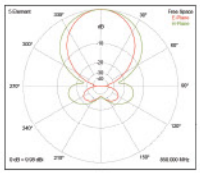
Yagi Antennas - Durable, high-gain, directional antennas



301111 Yagi 800 MHz

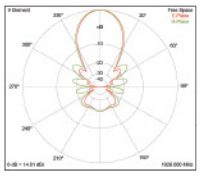
Our highest gain antenna for the 800 MHz band





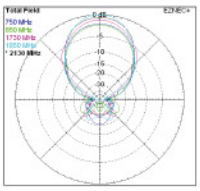
301129 Yagi 800 MHz
301142 Yagi 900 MHz

Lower profile
for 800 and 900 MHz



301124 Yagi 1900 MHz

Our highest gain antenna for the 1900 MHz band



304475 75 ohm
304411 50 ohm

Wide Band
Directional Antenna

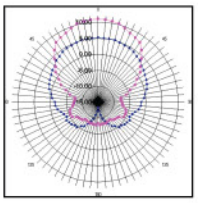
SPECIFICATIONS

	Yagi				Log-Periodic	
Part Number	301111	301129	301142	301124	304411	304475
Number of Elements	8	5		9	9	
Frequency	Refer to table on page 40					
Impedance	50 ohms					75 ohms
Antenna Gain	Refer to table on page 40					
Max Power	50 watts	10 watts		25 watts	100 watts	
	Directional					
Polarization	Vertical					
Connector	N-Female					F-Female
Material	Aluminum					
Length	32.5 inches / 82.6 centimeters	14.4 inches / 37 centimeters (with mount)		16.8 inches / 43 centimeters (with mount)	11.42 inches / 29 centimeters	
Weight	2.9 ounces / 0.081 kg (with mount)			3.0 ounces / 0.086 kg (with mount)	3.31 lbs 1.5 Kg	
Mount	Mounts on pipe with 0.5 inch to 1.5 inch diameter					
Wind Surface Area	<100 cm2				<465 cm2	
Brackets	Max OD 2 inches					

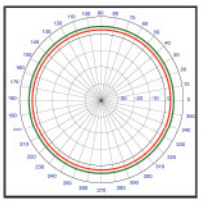
Building Antennas

FEATURES

- Built-in ground plane
- Mounting hardware included
- For fixed installations



Signal Patterns
Panel Antennas when mounted vertically
H - Plane @ 806-894 MHz
H - Plane @ 1850-1990 MHz



Signal Patterns
Omni-directional when mounted vertically
H - Plane @ 850 MHz
H - Plane @ 1920 MHz

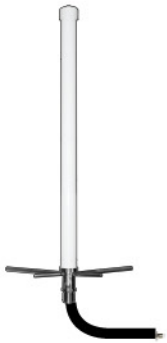
301121
301151

301123

50 ohm & 75 ohm
301135 & 301155 wall mount
304451 & 304471 ceiling mount
304452 & 304472 window mount
304453 & 304473 weatherproof

301141

301201
301202



Inside Antennas

Outside Antennas

6 dBi / 9 dBi

SPECIFICATIONS

	Dome			Panel							Omni	
Part Number	301121	301151	301123	304451	304471 304473	301135 304453	301155	301141	304452	304472	301201	301202
Frequency	Refer to table on page 40											
Impedance	50 ohms	75 ohms	50 ohms	50 ohms	75 ohms	50 ohms	75 ohms	75 ohms	50 ohms	75 ohms	75 ohms	50 ohms
Polarization	Vertical		Horizontal & Vertical	Vertical							Vertical	
Antenna Gain	Refer to table on page 40											
Max Power	50 watts							15 watts	50 watts		25 watts	
Beamwidth Hor. Plane	360°			70°/60°				100°	70°/60°		360°	
Beamwidth Ver. Plane	120°			50°/45°				100°	50°/45°		60°	
VSWR	1.5:1			1.5:1				2.0:1 (800) 1.8:1 (1900)	1.5:1		1.8:1	
Connector	N-Female	F-Female	N-Female	N-Female	F-Female	N-Female	F-Female	F-Female	N-Female	F-Female	FME-Female	
Dimensions	Diameter 8 inches / 20.32 cm		Diameter 7.72 inches / 19.6 cm	8.27 x 7.09 x 1.73 inches 21 x 18 x 4.39 cm				7.75 x 4.38 x 2.63 inches 19.7 x 11.1 x 6.7 cm			18 inches	
Ground Plane	Built-In Ground Plane							None Required	Built-In Ground Plane		Built-In Ground Plane	
Front to Back Ratio	N/A							11/14 dB typical	N/A		N/A	

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Antenna Frequency Specific Gain Chart (dBi)

		FREQUENCY IN MHz					
		700-800	824-894	880-960	1710-1880	1850-1990	2110-2170
MAGNET MOUNT ANTENNAS	301103	1.9	5.1	3.1	-4.0	6.1	2.3
	301125	1.9	5.1	3.1	-4.0	6.1	2.3
	301128	1.9	5.1	3.1	-4.0	6.1	2.3
	304202	1.9	5.1	3.1	-4.0	6.1	2.3
	301703	-1.9	4.8	4.6	0.3	4.1	0.6
MINI MAGNET MOUNT ANTENNAS	301113	1.7	2.1	0.5	2.2	3.1	1.4
	301126	1.7	2.1	0.5	2.2	3.1	1.4
	301131	1.7	2.1	0.5	2.2	3.1	1.4
	301132	1.7	2.1	0.5	2.2	3.1	1.4
DUAL BAND TRUCKER ANTENNAS	301101		5.1			6.1	
	301701			5.1	6.1		
RV TRUCKER W/SPRING ANTENNAS	301119	3.1	4.1	2.0	-1.8	5.1	-2.6
	301133	3.1	4.1	2.0	-1.8	5.1	-2.6
GLASS MOUNT ANTENNAS	301102	1.8	3.5	2.8	-1.5	4.8	1.0
	304201	1.8	3.5	2.8	-1.5	4.8	1.0
MINI GLASS MOUNT ANTENNAS	301114		1.4			2.4	
NMO ANTENNAS	301104	2.0	4.9	0.0	-3.1	5.9	1.3
	301112	2.4	5.5	-0.9	-1.2	5.5	1.7
	304203	3.7	4.4	4.3	-4.1	3.7	0.3
	301105	4.1	1.4	2.4	-3.5	-7.0	-10.2
DUAL BAND LOW PROFILE ANTENNAS	301106	3.4	2.2	1.2	1.4	3.2	4.3
	301127	3.4	2.2	1.2	1.4	3.2	4.3
	301208	-0.8	1.5	1.2	2.4	3.4	1.2
	301209	-0.8	1.5	1.2	2.4	3.4	1.2
YAGI ANTENNAS	301111	10.0	10.8	8.8	-16.4	-14.9	-13.8
	301124	-18.7	-23.4	-21.6	9.1	12.5	-10.6
	301129	-0.9	10.1	-7.9	-10.3	-11.9	-8.7
	301142	-3.6	3.7	10.1	-12.1	-10.2	-13.4
	304411	7.3	8.1	7.4	9.2	10.6	10.4
	304475	7.3	8.1	7.4	9.2	10.6	10.4
DOME ANTENNAS	301121	-2.5	2.5	-0.5	3.5	4.1	1.5
	301123	3.3	5.4	-2.3	-4.3	0.5	-8.0
MARINE ANTENNAS	301130	3.4	4.1	3.5	3.1	5.1	0.2
PANEL ANTENNAS	301135	5.2	4.4	4.2	10.1	10.6	8.2
	301155	5.2	4.4	4.2	10.1	10.6	8.2
	304451	5.2	4.4	4.2	10.1	10.6	8.2
	304471	5.2	4.4	4.2	10.1	10.6	8.2
	304452	5.2	4.4	4.2	10.1	10.6	8.2
	304472	5.2	4.4	4.2	10.1	10.6	8.2
	304453	5.2	4.4	4.2	10.1	10.6	8.2
	304473	5.2	4.4	4.2	10.1	10.6	8.2
	301157	5.2	4.4	4.2	10.1	10.6	8.2
ULTRA SLIM ANTENNAS	301143	-5.7	-6.8	-9.5	3.1	3.9	5.0
	301149	-5.7	-6.8	-9.5	3.1	3.9	5.0
CRADLE PLUS - PHONE CRADLE	301146	-5.7	-6.8	-9.5	3.1	3.9	5.0
	301148	-5.7	-6.8	-9.5	3.1	3.9	5.0
EXTERIOR BUILDING ANTENNAS	301141	0.7	4.0	3.6	-1.7	5.5	4.7
	301201	3.2	4.1	2.7	0.6	5.1	-7.5
	301202	3.2	4.1	2.7	0.6	5.1	-7.5

Cellular Data Cards

Adapter plugs into the adapter port on the end of the cellular data card or plugs in as an antenna replacement for data cards with this feature. Check the model for a specific adapter type.

For information about Wilson's cellular adapters for modems and data cards visit www.WilsonElectronics.com

Mounts & Replacement Parts

901101 NMO TRUNK MOUNT
- Requires NMO Antenna (sold separately)
- 14 feet RG-58U Cable
- FME-Female Connector
- Attaches on the lip of a trunk lid or similar surface

901102 3/4-inch NMO Mount
- Requires NMO Antenna (sold separately)
- Requires 3/4-inch hole in sheet metal surface for connection
- 14 feet RG-58U Cable
- FME-Female Connector

901103 3/8-inch NMO Mount
- Requires NMO Antenna (sold separately)
- Requires 3/8-inch hole in sheet metal surface for connection
- 14 feet RG-58U Cable
- FME-Female Connector

901119 Marine Antenna Mount
- For use with the Marine Antenna to mount on various surfaces
- Features standard 1 inch x 14 threaded mount

901104 3-Way Mount with Spade Stud
- Compatible with Wilson Electronics Cellular Trucker Antennas (301101) and (301133)
- 3/8-24 thread
- 5 millimeter chrome-plated aluminum
- Hardware included

901106 Horizontal Mount with Spade Stud
- Compatible with Wilson Electronics Trucker Antennas (301101) and (301133)
- 3/8-24 thread
- 5 millimeter chrome-plated aluminum
- Hardware included

901128 Window-Mount Antenna Bracket
- For use with Magnet-Mount and Mini Magnet-Mount Antennas
- Suction cups attach to inside surface of window; antenna mounts on horizontal platform

859931 Ground Plane
- For use with Magnet-Mount and Mini Magnet-Mount Antennas
- White metal, 3.5 inches in diameter

901133 Omni Antenna Building Mounting Bracket
- Allows for easy mounting of the Omni-directional Antenna (301201, 301202) on the outside of a building.
- Includes hardware for mounting on a pole, fascia, roof, wall, etc.

901125 In-Ceiling Dual-Band Dome Antenna Bracket
- Compatible with the Wilson Dual-Band Dome Antenna (301121 & 301123)
- Allows for mounting the dome antenna in the attic.

901123 In-Wall Panel Antenna Mount
- Compatible with the Wilson Panel Antenna (301135, 301155).
- Bracket can be inserted into an interior wall.
- Features a paintable cover.

304447 Panel Antenna Upgrade Kit for the Desktop Amplifier
- Includes Panel Antenna, 20' white RG6 coax cable, N-male to F-female & F-female to TNC-male connectors.

901117 Antenna Pole Mounting Assembly
- Includes
  U-Bracket assembly
  Wall mount bracket
  10" Length x 1.5" Diameter Aluminum Tube

901130 Cup Holder Car Mount for use with Wilson MobilePro, Cradles & Cradle Boosters

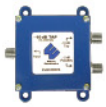
901132 Adjustable Suction Cup Car or Table Mount for use with Wilson MobilePro, Cradles & Cradle Boosters

901137 Adjustable desk mount for use with Sleek, MobilePro, iBooster, C-Booster and U-Booster

901134 Cradle Mounting Kit

901120 Gooseneck Suction Cup Mount

TAPS

	859906	-6 dB Tap 700-960 MHz	50 Ohm	N Female
	859907	-10 dB Tap 700-2500 MHz	50 Ohm	N Female
	859976	-10 dB Tap 700-2500 MHz	75 Ohm	F Female

When to use taps

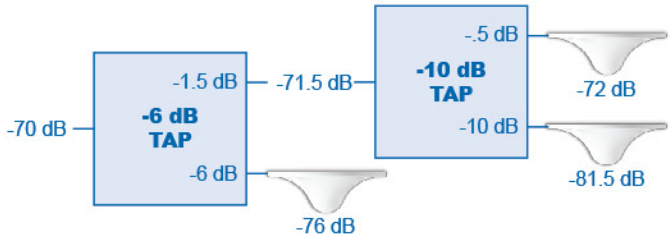
For use in signal distribution systems to split the amplified signal for multiple inside antennas with minimum signal loss or for controlling the amount of signal to small and large areas. Features low-loss signal throughput with one -6 dB or -10 dB tap.

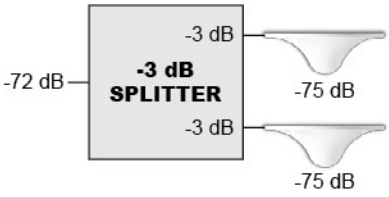
SPLITTERS

	859993	-3 dB Splitter 700-2500 MHz	75 Ohm	F Female
	859994	-4.8 dB 3 Way Splitter 700-2500 MHz	75 Ohm	F Female
	859957	-3 dB 2 Way Splitter 700-2700 MHz	50 Ohm	N Female
	859980	-4.8 dB 3 Way Splitter 700-2700 MHz	50 Ohm	N Female
	859981	-6 dB 4 Way Splitter 700-2700 MHz	50 Ohm	N Female

When to use splitters

For use in signal distribution systems to split the amplified signal with minimum signal loss. Equal amounts of signal sent to multiple antennas for similarly sized areas.

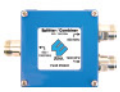




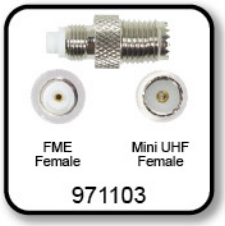
LIGHTNING PROTECTION

	859902	50 Ohm Lightning Surge Protector	• N-Female Connectors • Attenuation less than 0.2 dB • Frequency range up to 3 GHz • Replaceable gas discharge element (859920)
	859992	75 Ohm Lightning Surge Protector	• F-Female Connectors • Attenuation less than 0.2 dB • Frequency range up to 3 GHz • Replaceable gas discharge element (859921)

COMBINER DIPLEXER

	859922	Dual-Band Combiner/Diplexer	• Each output port loses .5 dB • 700-960 & 1710-2155 MHz LTE 700, Cellular, iDEN, GSM, AWS, PCS • N-Female Connectors • Can connect two outside antennas to one signal booster or two signal boosters to one inside antenna

CONNECTORS



971103

971104

971105

971106

971107

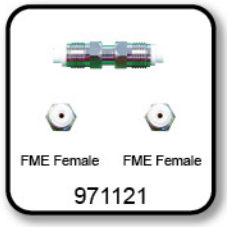
971108

971110

971113

971117

971119



971121

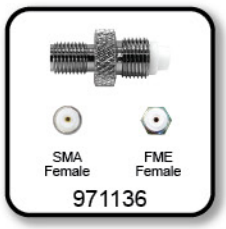
971127

971128

971129

971130

971132



971136

CRIMP CONNECTORS


N Male Crimp
Wilson 400 or RG 8u Cable

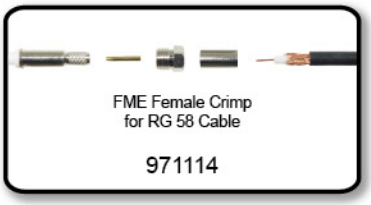
971109


TNC Male Crimp
for RG 58 Cable

971111


Mini UHF Male Crimp
for RG 58 Cable

971112


FME Female Crimp
for RG 58 Cable

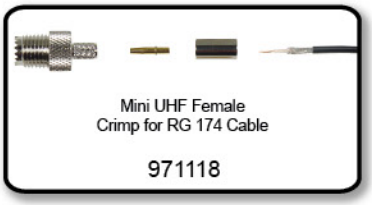
971114


FME Male Crimp
for RG 58 Cable

971115


N Male Crimp
for RG 58 Cable

971116


Mini UHF Female
Crimp for RG 174 Cable

971118


FME Female Crimp
for RG 174 Cable

971120


Male SMA Crimp
for RG 58 Cable

971131


SMA Male Crimp
for RG 174 Cable

971139

Wilson® Electronics
Say Goodbye to Dropped Calls

Coaxial Cables

RG58 Low-Loss Coax Cable FME-Male / FME-Female

951101 5-feet
951102 10-feet
951103 15-feet
951125 20-feet

Wilson 400 Ultra Low-Loss Coax Cable N-Male / N-Male - BLACK

952302 2-feet
952310 10-feet
952320 20-feet
952330 30-feet
952350 50-feet
952375 75-feet
952300 100-feet

Wilson 400 Ultra Low-Loss Coax Cable N-Male / N-Male - WHITE

952402 2-feet
952410 10-feet
952420 20-feet
952430 30-feet
952450 50-feet
952475 75-feet
952400 100-feet

Wilson 400 Ultra available in 500-feet and 1000-feet

RG58 Low-Loss Coax Cable N-Male / FME-Female

951110 2-feet
951120 10-feet
951104 20-feet
951137 30-feet

Attenuators

859935 3dB
859936 6dB
859926 10dB
859927 20dB

RG-6 Low-Loss White Coax Cable F-Male / F-Male

950602 2-feet
950620 20-feet
950630 30-feet
950650 50-feet

RG-174 Coax Cable FME-Female / FME-Female

951116 6-feet

RG-174 Coax Cable SMA-Female / SMA-Male

951130 6-feet

Cell tech support for specific use instructions

1-866-294-1660

The RF Signal Detector 867501

Displays detected signal frequency, bandwidth and strength

INSTALLER BENEFITS

- Determine which cellular signals, including 3G & 4G, are available for any location
- Find the strongest available signal
- Map the local cellular frequency environment
- Precisely position directional antennas for optimum performance
- Maximize signal coverage indoors

ACTUAL SIZE		LOSS PER 10' 800 MHz	LOSS PER 10' 1900 MHz
 13/32"	Wilson 400	.45 dB	.7 dB
 3/8"	RG-6	.83 dB	1.35 dB
 3/16"	RG-58 Cable	1.0 dB	2.66 dB
 3/32"	RG-174 Cable	3.58 dB	6.66 dB

Power Supplies

BUILDING POWER SUPPLIES

859903		AC/DC 12 V Power Supply Converts 120/240 V AC to 12 V DC
859940		Home/Office Accessory Kit AC/DC 12 V Power Supply Converts 120/240 V AC to 12 V DC Window Mount Antenna Bracket
859912		AC/DC 6 V Power Supply Converts 120/240 V AC to 6 V DC
859969		AC/DC 5V USB Power Supply
859977		3' USB cable for Power Supply

VEHICLE POWER SUPPLIES

859913		DC/DC 6 V Power Supply Converts 12 V DC to 6 V DC
859983		DC 12 V Power Supply
859905		DC 12 V Hardwire Kit Power Supply
859923		DC/DC 6 V Hardwire Kit Power Supply Converts 12 V DC to 6 V DC
859939		DC 12 V Hardwire Kit Power Supply (iDEN High-Power Amplifier)
859963		CLA Power Supply with 3' USB Cable for Sleek Cradle Booster
859989		5 V / 1.5 A Hardwire Power Supply for Sleek & DataPro

Need help finding a power supply?

For the most up to date information on all our products contact tech support department toll free

1-866-294-1660

Portable Signal Booster Vented Soft Carrying Case

- Designed to help protect your signal booster
- Sturdy, shock-absorbing material
- Keeps components together and organized
- Quick and easy access
- Mobile to Mobile
- Mobile to Home/Office
- Bag only - all components sold separately

Part Number
859924
Dimensions
10.5 x 9.5 x 2.5 (inch) 26.67 x 24.13 x 6.35 (cm)

Wilson® Electronics, Inc.

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facebook.com/wilsoncellular

www.wilsonelectronics.com

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