

2012 PRODUCT CATALOG

INDUSTRY LEADING CELLULAR SIGNAL
BOOSTERS & ANTENNAS





ENGINEERING • EXPERIENCE • EXCELLENCE









Wilson Electronics, Inc. has been a leader in the wireless communications industry for nearly 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. 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. For its signal boosters, Wilson Electronics uses double-shielded RF enclosures and cell tower simulators for compliance testing. All products are engineered and assembled in the company's 76,000-square-foot headquarters in St. George, Utah. Wilson Electronics has product dealers in all 50 states as well as in countries throughout the world.

PART NUMBER INDEX

PART	PAGE	PART	PAGE	PART	PAGE	PART	PAGE	PART	PAGE	PART	PAGE
301101	29	301157	35	801285	21	859924	41	901130	37	952430	40
301102	31	301201	35	801506	15	859926	40	901132	37	952450	40
301103	30	301202	35	801865	20	859927	40	901133	37	952475	40
301104	31	301208	32	802365	19	859931	37	901134	37	971103	39
301105	31	301209	32	804080	16	859935	40	901137	37	971104	39
301111	34	301210	32	805045	17	859936	40	901137	37	971105	39
301112	31	301701	29	811201	24	859939	41	950602	40	971106	39
301113	30	301703	30	811210	11	859940	41	950620	40	971107	39
301114	31	304201	31	811210	26	859957	38	950630	40	971108	39
301119	29	304202	30	811211	26	859959	38	950650	40	971109	39
301121	35	304203	31	811214	26	859963	41	951101	40	971110	39
301123	35	304411	34	811225	23	859969	41	951102	40	971111	39
301124	34	304447	37	811701	24	859976	38	951103	40	971112	39
301125	30	304451	35	811710	11	859977	41	951104	40	971113	39
301126	30	304452	35	811901	24	859980	38	951110	40	971114	39
301127	32	304453	35	811910	11	859981	38	951116	40	971115	39
301128	30	304471	35	815125	7	859983	41	951116	40	971116	39
301129	34	304472	35	815126	27	859988	38	951120	40	971117	39
301130	29	304473	35	815225	8	859989	41	951125	40	971118	39
301131	30	304475	34	815226	27	867501	40	951130	40	971119	39
301132	30	801201	10	841245	17	901101	37	952300	40	971120	39
301133	29	801212	26	841246	26	901102	37	952302	40	971121	39
301135	35	801240	9	859902	38	901103	37	952310	40	971127	39
301141	35	801240	27	859903	41	901104	37	952320	40	971128	39
301142	34	801241	27	859905	41	901106	37	952330	40	971129	39
301143	32	801242	27	859906	38	901117	37	952350	40	971130	39
301146	33	801245	17	859907	38	901119	37	952375	40	971131	39
301148	33	801247	13	859912	41	901120	37	952400	40	971132	39
301149	32	801262	14	859913	41	901123	37	952402	40	971136	39
301151	35	801265	18	859922	38	901125	37	952410	40	971139	39
301155	35	801280	18	859923	41	901128	37	952420	40		

CONTENTS	PAGE
Company Profile	
Warranty Information	1
Problem: Dropped Calls / Solution: Wilson Electronics	2,3
Stay Connected On the Go / Stay Connected Indoors	4,5
BOOSTERS	
Mobile Solutions	6
Sleek® 4G-V	7
Sleek®	8
MobilePro®	9
Dual-Band Mobile Wireless	10
SIGNALBOOST™ Dual-Band Cellular Boosters	11
Building Solutions	12
DT Desktop Signal Booster 800/1900 MHz	13
DB Pro™ Cellular Booster (75ohm)	14
900 MHz Building Wireless Cellular Booster	15
iDEN Building Wireless Cellular Booster	16
AG SOHO (Small Office / Home Office) 60 & 65 Wireless Boosters	17
AG Pro 70™ & AG Pro 75™ Cellular Boosters	18
AWS 70 Cellular Booster (Band 4)	19
4G-V LTE 700 Indoor Cellular Booster (Band 13) Verizon	20
Pro-Installer Signal Booster	21
M2M	
M2M Solutions	22
DataPro™ Direct Connect Cellular Booster	23
Direct-Connect Boosters	24-25
Optional Kit Components	26-27
ANTENNAS	
High-Gain Antennas	28,29
General Mobile External Antennas	30,31
Low Profile & Ultra-Slim Antennas	32
Cradle Plus Antennas	33
Yagi Antennas - Durable, high-gain, directional antennas	34
Building Antennas	35
Antenna Frequency Specific Gain Chart (dBi)	36
OTHER PRODUCTS	
Cellular Data Cards	36
Mounts and Replacement Parts	37
Taps, Splitters, Lightning Protection, Combiner/Diplexer	38
Connectors & Crimp Connectors	39
Coaxial Cables	40
The Cellular Downlink Signal Detector	40
Power Supplies	41

SYMBOL INDEX

	Passenger Vehicles
	Commercial Vehicles
	Recreational Vehicles
	Utility Vehicles
	Residential Buildings
	Industrial / Commercial Buildings
	Marine Craft
	Machine to Machine

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 phoning Technical Support at 866-294-1660.

The Problem: Dropped Calls



Everyone who uses a cell phone or data card 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

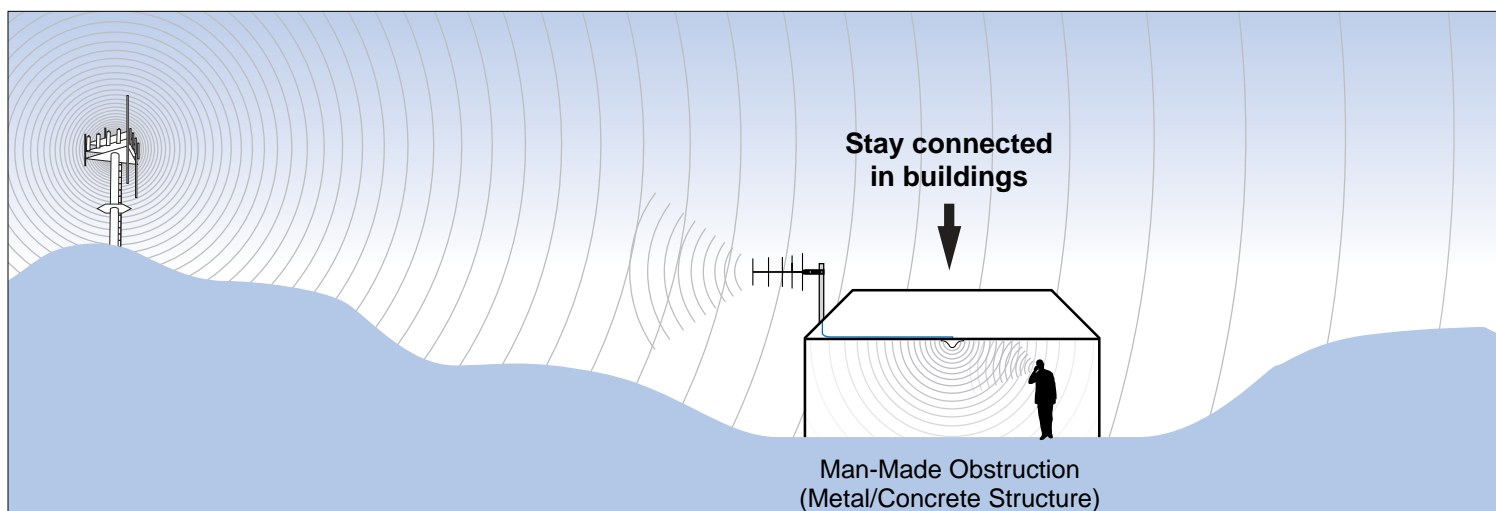
Distance plays the biggest role in limiting cellular communications, especially in rural areas. The farther you are from a cell tower, the weaker your signal will be.

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 boosters eliminate the frustration of dropped calls, limited range and slow data rates by amplifying incoming and outgoing cellular signals in both mobile and building situations. 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 broadcast a much stronger signal back to the cell tower.

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

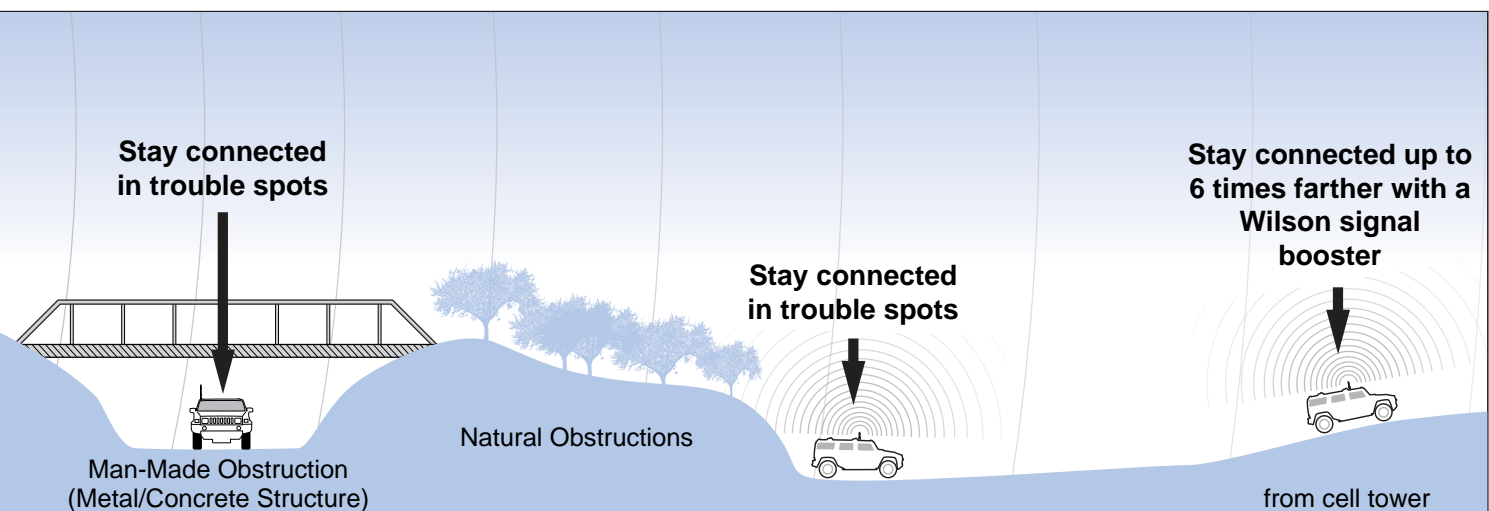
- **The highest receiver sensitivity: Captures weak and distant cellular signals**
- **The highest power output: Reaches distant cell towers**
- **Microprocessor-controlled circuitry: Patented smart technology that protects cell towers**

Wilson's wide range of plug-and-play packages and individual products for custom installations offer great value and ensures reliable cellular communication at work, at home and on the go.



The Sleek®
815226

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



Stay Connected On The Go



CAR



TRUCK



RV



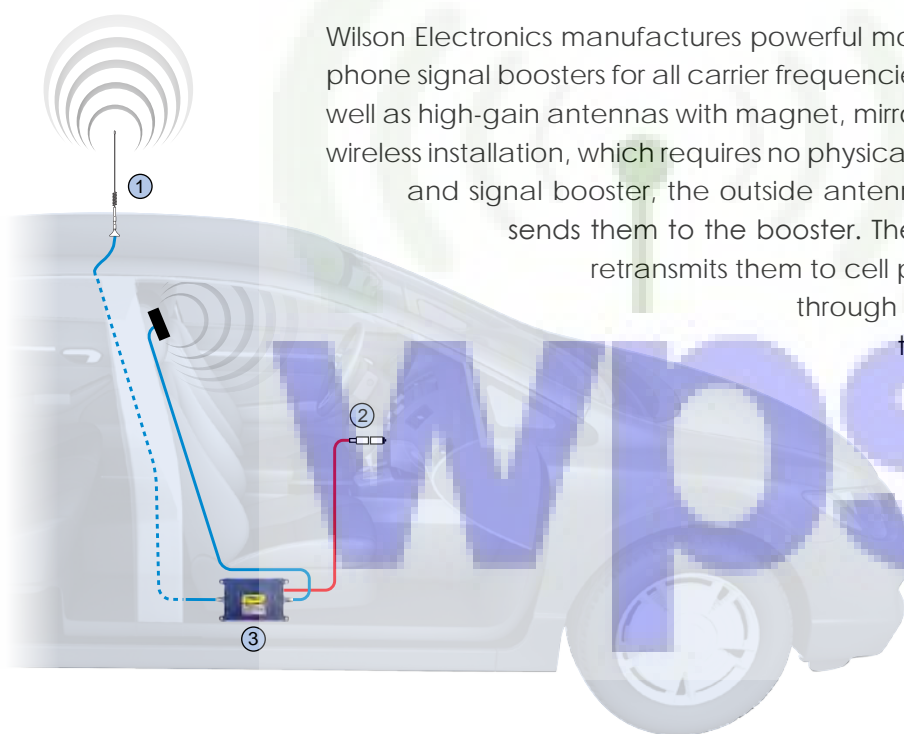
EMS



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, 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.



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.



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.



Stay Connected Indoors



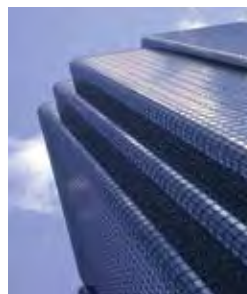
HOME



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

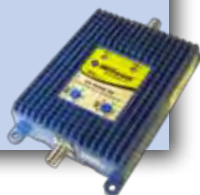
outside antenna that detects weak cellular signals and sends them to the booster. Powered through a standard wall outlet, the booster amplifies those signals and sends them to the inside antenna, which communicates the stronger signal to cell phones and data cards indoors. When a cell phone or data card transmits, the process is reversed.

Typical Wireless Installation

1. Outside antenna
2. Signal Booster
3. AC power supply
4. Inside antenna

SOHO 841245

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



DB Pro™ 841262

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



AG Pro 70™ & AG Pro 75™ Cellular Booster

The AG Pro 75 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.



MOBILE SOLUTIONS



WILSON ELECTRONICS HAS A SOLUTION
FOR EVERY APPLICATION!

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
- Boosts both voice and data communications
- Adjustable to fit most any size cell phone or MiFi® card
- Provides a strong, reliable signal in weak signal areas
- Faster, cleaner 2G, 3G & 4G data transfers
- More than 20 times the power of your cell phone alone
- Extends device battery life
- Simple DIY installation
- FCC type accepted

SPECIFICATIONS

Part Number	815125		
Frequency	746 - 757 MHz 776 - 787 MHz	824-894 MHz	1850-1900 MHz
Gain	26 dB	26 dB	26 dB
Max Uplink Power	446 mw	851 mw	676 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 (inch) 5 x 9.5 x 5.6 (cm)		
Weight	2.5 (oz) / 0.07 (kg)		

Optional Home/Office Accessory Kit

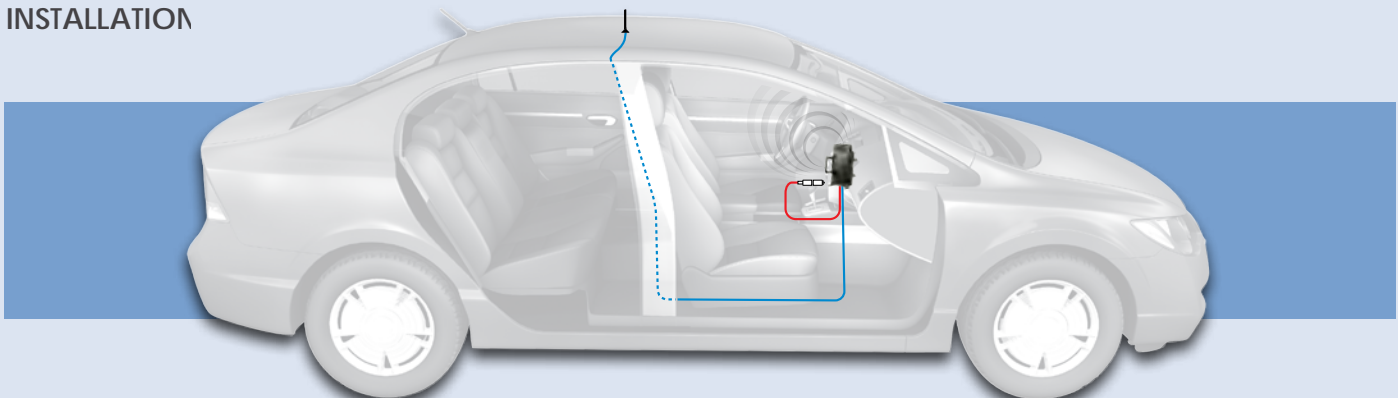
PART 859970

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



* Use only with Wilson power supply

INSTALLATION





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
- Up to 20 TIMES more output power to cell tower (when in a vehicle)
- Receives weak signals the phone alone may not
- Built-in battery charging port (adapters sold separately)
- Extends battery life – Booster enables phone to work at reduced power
- Adjustable to fit most 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	815225
Frequency	824-894 MHz / 1850-1900 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 (inch) 5 x 9.5 x 5.6 (cm)
Weight	2.5 (oz) / 0.07 (kg)

KIT

Wilson Electronics Sleek® improves both voice and data performance on the go. 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.

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

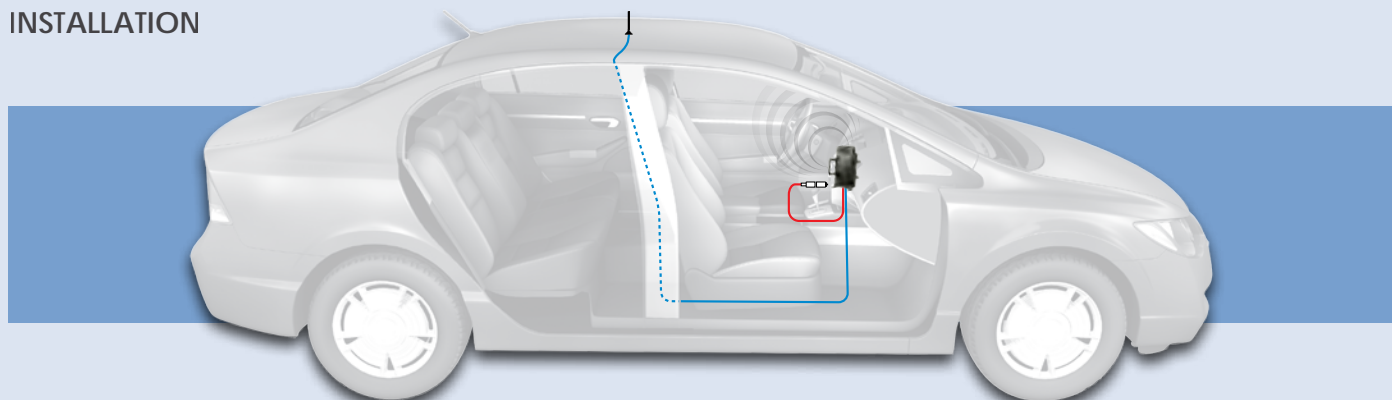
- Sleek all-in-one cradle and signal booster
- Outside vehicle mini magnet-mount antenna
- Power adapter**
- 30-day money-back guarantee
- One-year product warranty

* In-Home accessory kit (859970) available

** Use only with Wilson power supply



INSTALLATION





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
- Microprocessor-controlled circuitry ensures reliable operation within regulatory standards
- Oscillation protection and shutdown auto reset
- 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 (inch) 5.1 x 12.1 x 2.5 (cm)
Weight	3 (oz) / 0.09 (kg)

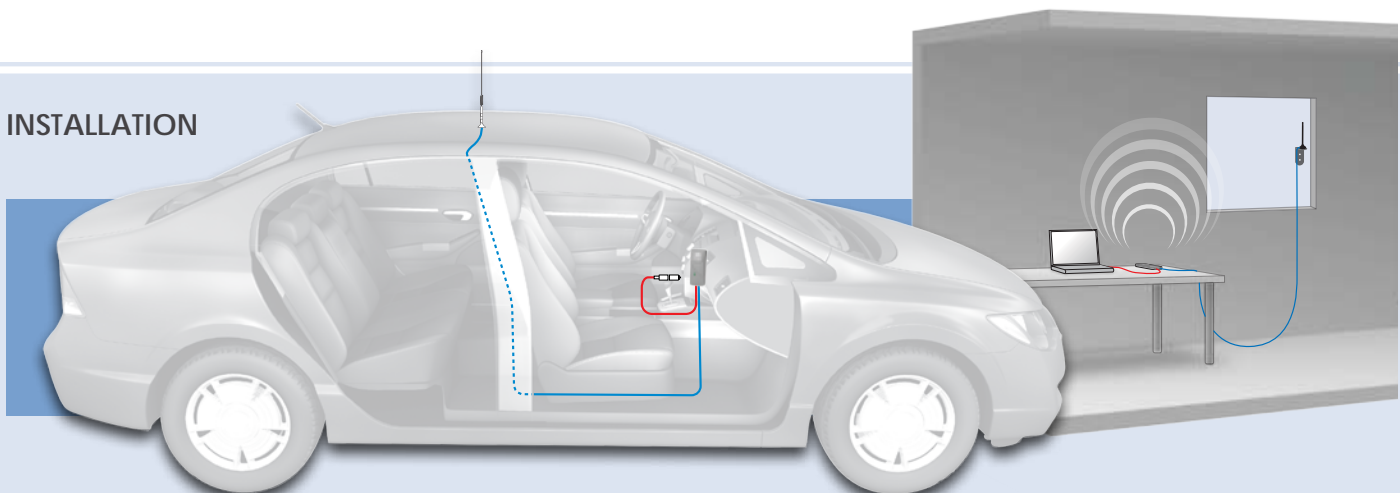
KIT OPTIONS

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 26 & 27

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

INSTALLATION



Dual-Band Mobile Wireless 50 dB

800/1900



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

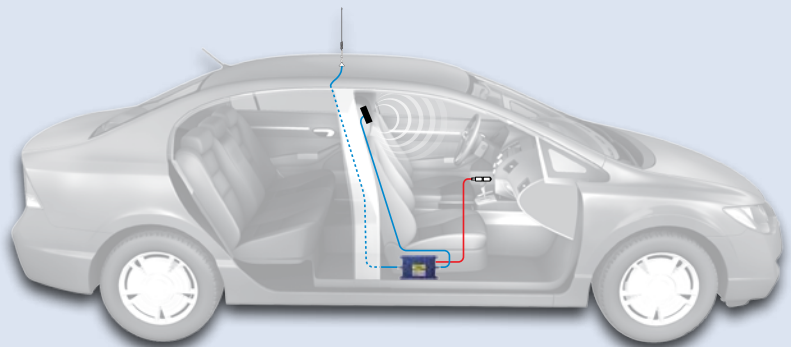
- NMO Antenna
- Magnet Mount Antenna
- Mini Magnet Mount Antenna
- Trucker Antenna


For additional options for this product see pages 28-31

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	4.5 x 3.5 x 1.25 (inch) 11.43 x 8.9 x 3.2 (cm)
Weight	1.5 lbs / 0.7 kg

INSTALLATION DIAGRAM



 = Best Seller

KIT = Available in Plug-and-Play kit (Page 26)



SIGNALBOOST™ Dual-Band Cellular Boosters

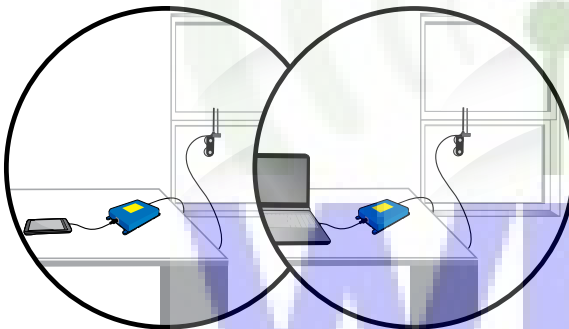
30 dB



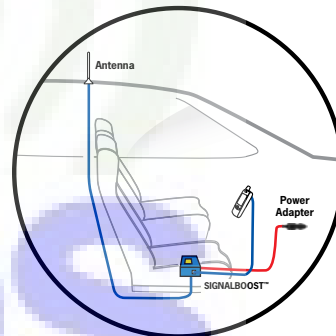
FEATURES

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
- More than 20 times more power than your cell phone or data card
- Significantly improves voice and data signal quality
- Increases data communication rates needed for 3G technologies
- Receives and transmits better than your cell phone
- Extends cell phone battery life
- Works great in mobile, building and marine applications
- Easy to install and use
- Works on all generations of CDMA, TDMA and GSM
- Up to 3 watts maximum power



HOME/OFFICE INSTALLATION DIAGRAM



MOBILE INSTALLATION DIAGRAM

SPECIFICATION

Part Number	HOT 811210 KIT	811710 INTERNATIONAL USE KIT	811910 INTERNATIONAL USE KIT
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 1.2 (inch) / 12.7 x 8.9 x 3 (cm)		
Weight	1.03 lbs / 0.468 kg		



Attach the Velcro® Universal Ultra-Slim Antenna to the back of your cell phone, data card or Mifi device

BUILDING SOLUTIONS



**MEDIUM AREA OR SINGLE ROOM
TYPICAL INSTALLATION**



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!

- Fewer dropped connections
- Boosts multiple cellular devices simultaneously
- Works with all 800 MHz & 1900 MHz devices & carriers
- Do-it-yourself installation
- Extends cellular device battery life
- Made in USA
- FCC and IC type accepted

FEATURES

- Boosts signals to and from cell site
- Up to 2000 milliwatts output power
- 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 site protections
- Universally supports all 800 MHz & 1900 MHz devices

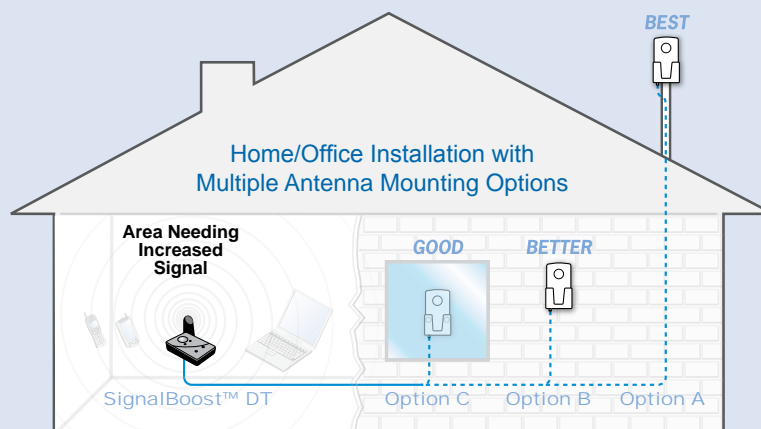
PACKAGE CONTENTS



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 (inch) 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



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

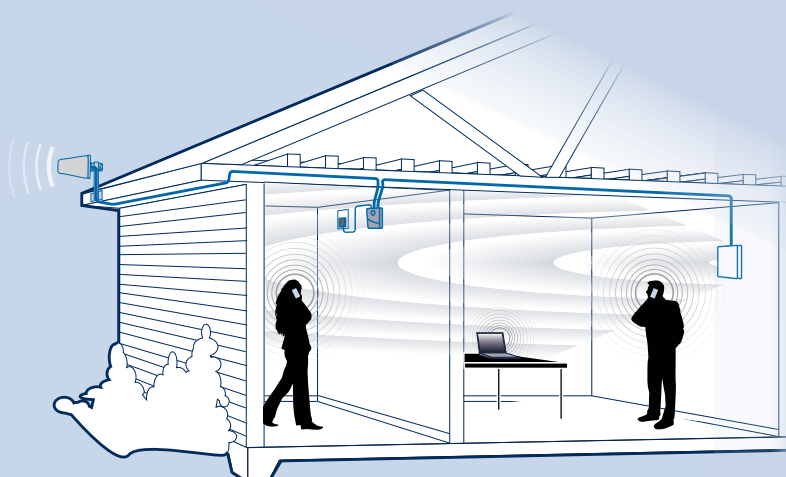
- Works with Cellular and PCS frequencies (800/1900 MHz)
- Significantly improves voice and data quality
- Works wirelessly with multiple cell phones and data cards simultaneously
- Receives and transmits better than your cell phone alone
- Designed for use with standard TV cable common in many homes
- Extends cell phone battery life
- Cell site friendly technology
- FCC and IC type accepted



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 <small>*Weight and dimensions are for amplifier only, for total kit weight contact your Wilson Electronics sales representative.</small>

INSTALLATION



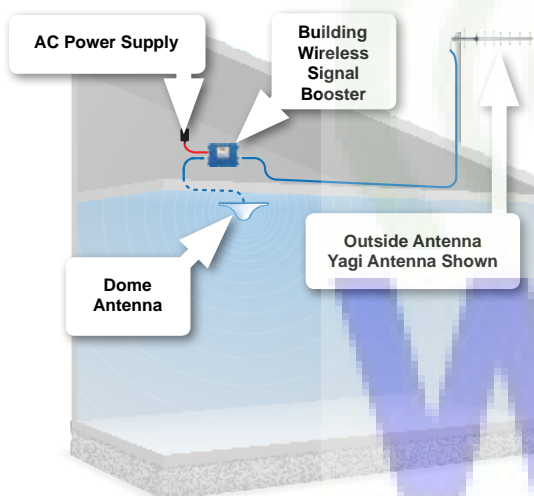
900 MHz Building Wireless Cellular Booster



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

- Significantly improves voice and data signal quality
- Works with all cell phones and laptop data cards
- Improves data communication rates needed for 3G technologies
- Extends cell phone battery life
- Automatic gain control up to 60 dB
- Gain indicator lights
- Shutdown on overload protection
- Up to 3-watt power amplifier
- Built for International use
- FCC type accepted (at 162 mw)

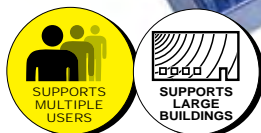
SPECIFICATIONS

Part Number	801506 INTERNATIONAL USE
Gain (Rx/Tx)	60 dB
Frequency	880-915 MHz 925-960 MHz
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 (inches) 14.2 x 9.1 x 4.4 (cm)
Weight	1.5 lbs / 0.7 kg



iDEN Building Wireless Booster

70 dB



Versatile, Powerful Wireless Signal Boosters for use in Homes, Offices and other 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 70dB 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 (inches) 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



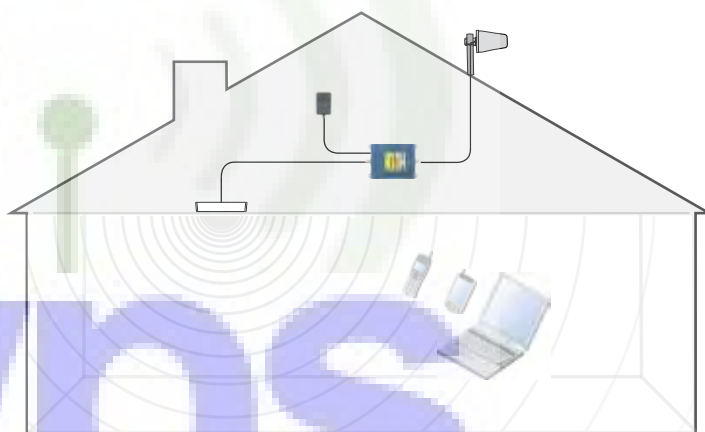
AG SOHO (Small Office / Home Office) 60 & 65 Wireless Boosters



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	801245	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 (inch) / 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)
- For 800 MHz and 1900 MHz Bands
- AC power supply included
- Oscillation detection and gain reduction
- FCC and IC type accepted

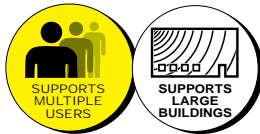


AG Pro 70™ & AG Pro 75™ Cellular Boosters



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
- 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 inch / 14.0 x 10.8 x 3.9 cm	
Weight	0.48 lbs (0.22 kg)	



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 features adjustable gain controls - one for the uplink (device-to-tower) and another for the downlink (tower-to-device) - allowing the installer, to optimize the unit's gain to match the requirements of the building in which it is deployed. The adjustable gain feature also simplifies installation by making antenna placement less critical.

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 North American 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 inch 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

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. It features adjustable gain controls - one for the uplink (device-to-tower), and another for the downlink (tower-to-device) - allowing the installer to optimize the unit's gain to match the requirements of the building in which it is deployed. The adjustable gain feature also simplifies installation by making antenna placement less critical.

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.

Verizon Wireless is a trademark of Verizon Trademark Services, LLC

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 inch 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)



Pro-Installer Signal Booster



**ADJUSTABLE GAIN ON
UPLINK & DOWNLINK**



INSTALLER BENEFITS

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

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 75dB 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 site 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

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 inch / 14.0 x 10.8 x 3.9 cm	
Weight	1.27 lbs / 0.544 kg	

FEATURES

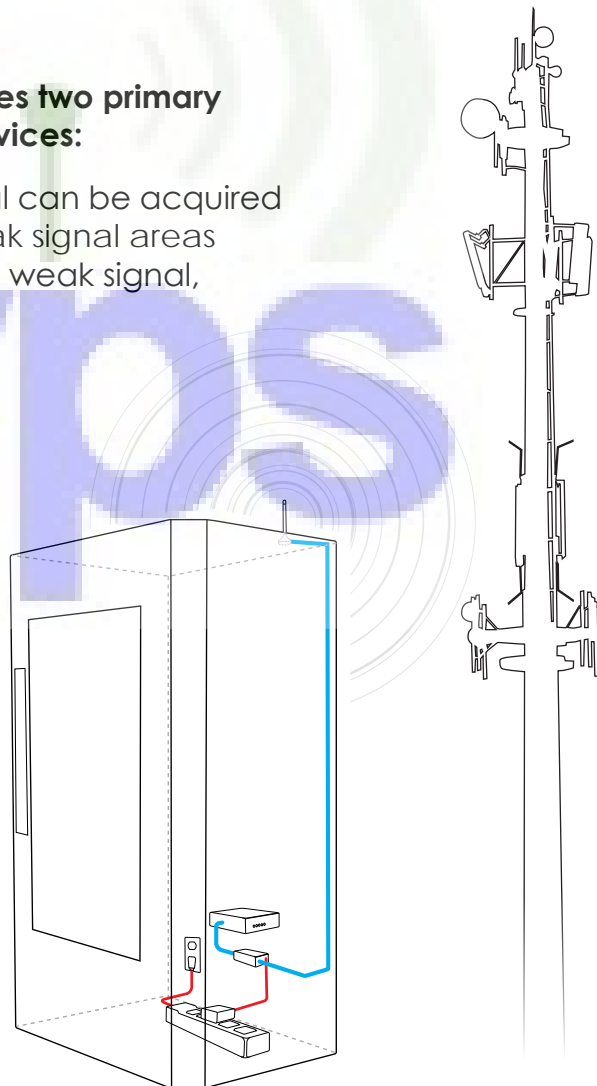
- Separate adjustable uplink & downlink gain controls for 800 MHz & 1900 MHz bands
- Provides a strong, reliable signal even in weak signal areas
- Amplifies any 2G or 3G signal on North American 800 & 1900 MHz cellular networks*
- Configurable with a variety of Wilson cellular antennas and in-line signal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

Keeping Your M2M Devices Connected



A Wilson cellular booster provides two primary benefits for M2M 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



WWW.WILSONM2M.COM • PHONE: 866-839-9407 • M2M@WILSONELECTRONICS.COM

DataPro™ Direct Connect Cellular Booster

800/1900 MHz



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, DataPro Direct Connect provides a strong reliable signal, ensuring successful data transfer.

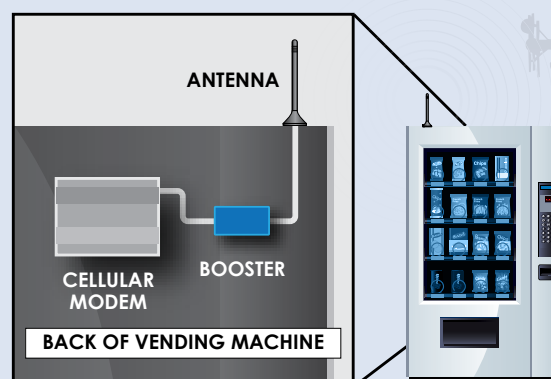
FEATURES

- Bi-directional booster amplifies signal to and from cell tower
- Works on all carriers on 800/1900 frequencies
- FCC Type Accepted, Industry Canada Certified
- Configurable to fit virtually any M2M situation
- FCC and IC type accepted

SPECIFICATIONS

Part Number	811225
Frequency	824-894 MHz / 1850-1990 MHz
System 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 inch (8.4 x 4.8 x 2.0 cm)
Weight	0.18 lbs

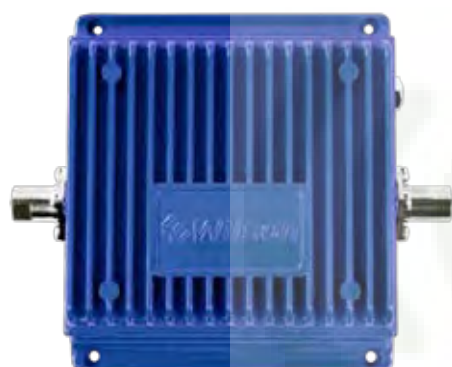
INSTALLATION



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 (inch) 12.70 x 8.9 x 3 (cm)	5.4 x 4.7 x 1.4 (inch) 14.0 x 11.9 x 3.5 (cm)	
Weight	1.03 lbs / 0.468 kg	1.32 lbs / 0.6 kg	

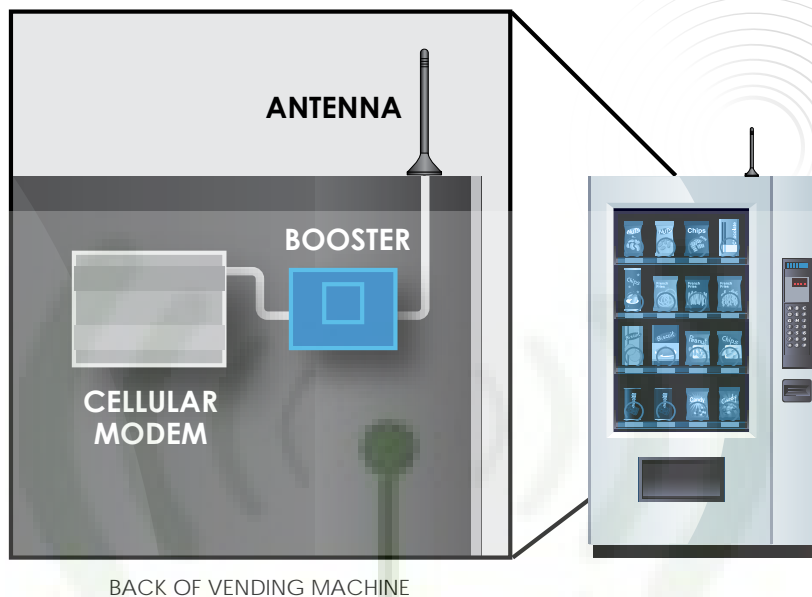


Antenna Options
Pages 28-35

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

Optional Accessories
Page 38,40

- Coax Cable Extension
- Lightning Suppressor
- Surge Protector

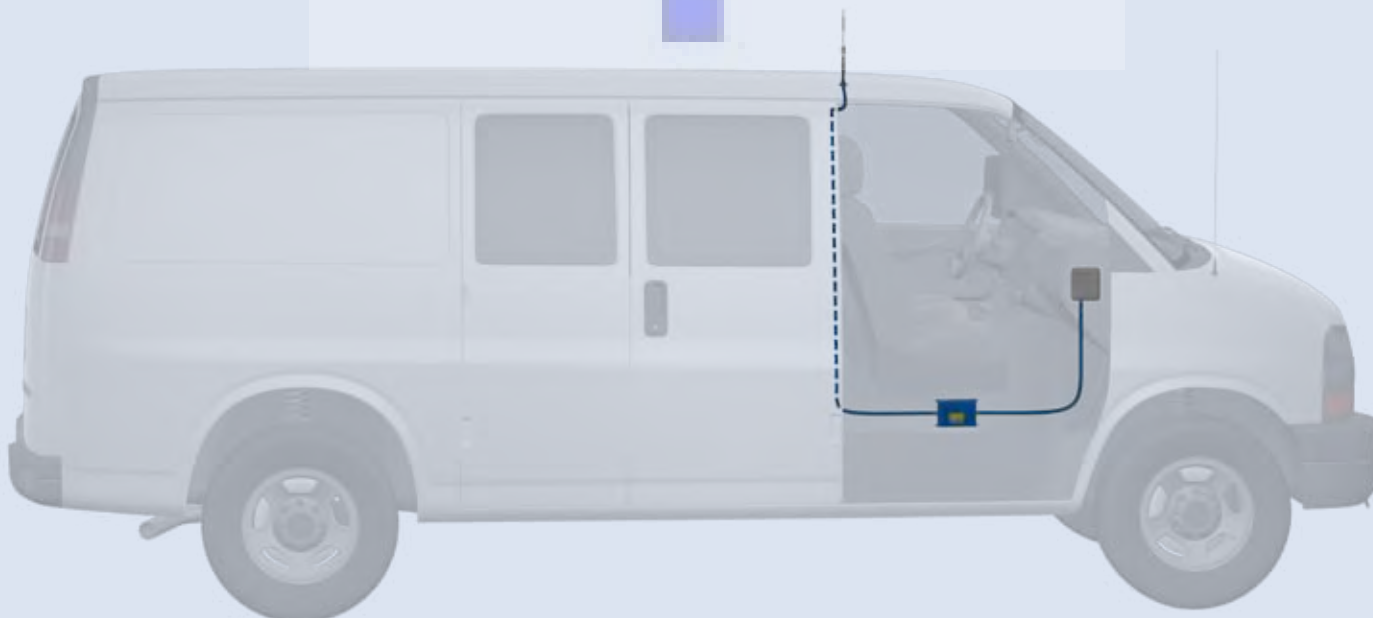


Mobile Antenna Options
Pages 28-31

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

Optional Accessories
Pages 40-41



- Coax Cable Extension
- Hardwire Power Supply Kit






MULTIPLE

OPTIONAL KIT COMPONENTS

KIT PART NUMBER

801201 = CHOICE OF ANTENNA +  + 

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.

811210 = CHOICE OF ANTENNA +  + 

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.

841246 MARINE =  +  + 


308430 801245 301135



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



SOLUTIONS

OPTIONAL KIT COMPONENTS

KIT PART NUMBER

815225 = CHOICE OF ANTENNA +  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

801240 = CHOICE OF ANTENNA +  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 up to three times the power of a typical cell phone. 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.

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

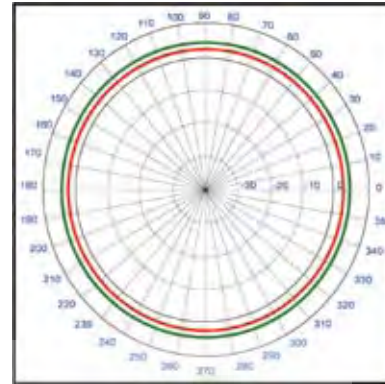
Weatherproof and waterproof





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 36				
Impedance	50 ohms				
Antenna Gain	Refer to table on page 36				
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

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.

FEATURES

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

SPECIFICATIONS



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



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

	Magnet-Mount Antennas					Mini Magnet-Mount Antennas			
Part Number	 301103	301125	301128	301703	304202	301113	301126	301131 WHITE	301132 WHITE
Frequency Range (MHz)	Refer to table on page 36								
Impedance	50 ohms								
Antenna Gain	Refer to table on page 36								
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 centimeters					4.175 inches / 10.60 centimeters			
Mount	Rare earth magnet					Rare earth magnet			



Glass-Mount & Mini Glass-Mount Antennas			NMO Trucker Antennas		NMO Antennas		
301102	304201	301114	301112	301104	304203	301105	
Refer to table on page 36							
50 ohms							
Refer to table on page 36							
Omni							
Vertical							
Built-In Ground Plane			Metal ground plane required				
FME Female			Sold Separately				
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 37)				

Low Profile & Ultra-Slim Antennas

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

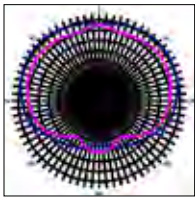


FEATURES

- Low profile 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



SPECIFICATIONS

Part Number	301127	301143	301149	301208	301209	301210
Frequency	Refer to table on page 36					
Impedance	50 ohms					
Antenna Gain	Refer to table on page 36					
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 feet 4.27 meters			RG174 - 5 feet 1.524 meters		
Length	5 in. / 12.7 cm.	3.25 in. / 8.26 cm.		5.13 in. / 13 cm.		
Width	1.5 inches / 3.8 cm			1.56 in. / 4 cm.		
Building Mount	Minimum 6 inches away from metal					

Cradle Plus Antennas

800/900/1800/1900/2100 MHz

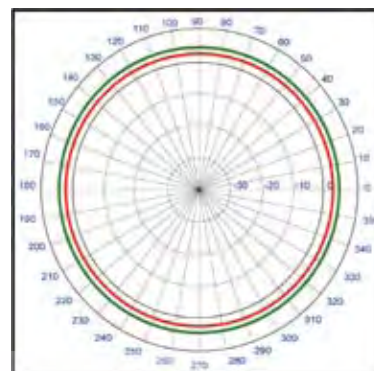


Hands-Free Safety and Convenience

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.

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 most any size cell phone or MiFi® card
- Multiple mounting options: console, dashboard or windshield
- Installs in minutes



Signal Patterns

H - Plane @ 850 MHz

H - Plane @ 1920 MHz

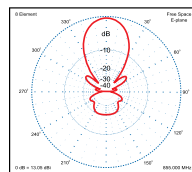
SPECIFICATIONS

Part Number	301146	301148
Frequency Range	Refer to table on page 36	
Impedance	50 ohms	
Antenna Gain	Refer to table on page 36	
Connector	FME Female	SMA Male
Coax Cable	RG 174 - 7.5 feet	
Length	4.125 in / 10.5 cm	
Width	2.875-4.5 in / 7.3-11.4 cm	



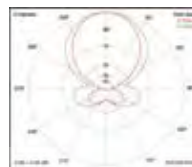


Yagi Antennas - Durable, high-gain, directional antennas



301111 Yagi 800 MHz

Our highest gain antenna for the 800 MHz band



301129 Yagi 800 MHz

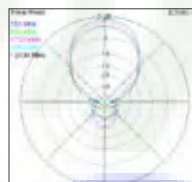
301142 Yagi 900 MHz

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

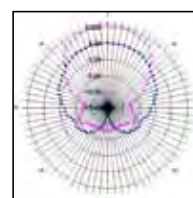
	Yagi				Log-Periodic	
Part Number	301111	301129	301142	301124	304411	304475
Number of Elements	8	5		9	9	
Frequency	Refer to table on page 36					
Impedance	50 ohms					75 ohms
Antenna Gain	Refer to table on page 36					
Max Power	50 watts	10 watts		25 watts	100 watts	
	Directional					
Polarization	Vertical					
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					



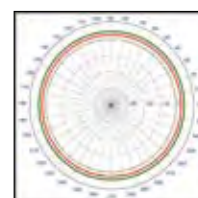
Building Antennas

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



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

SPECIFICATIONS

	Dome						Panel				Omni	
Part Number	301121	301151	301123	304451	304471	301135	301155	301141	304452	304472	301201	301202
					304473	304453						
Frequency	Refer to table on page 36											
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 36											
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	

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
DOMES ANTENNAS	304475	7.3	8.1	7.4	9.2	10.6	10.4
	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
ULTRA SLIM ANTENNAS	301157	5.2	4.4	4.2	10.1	10.6	8.2
	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.wpsantennas.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



901134 Cradle Mounting Kit



901120 Gooseneck Suction Cup Mount



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.



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



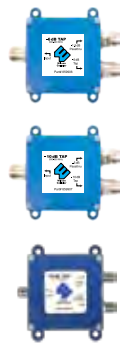
901117 Antenna Pole Mounting Assembly

- Includes U-Bracket assembly
- Wall mount bracket
- 10" Length x 1.5" Diameter Aluminum Tube



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

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



859959	-3 dB Splitter 700-2300 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



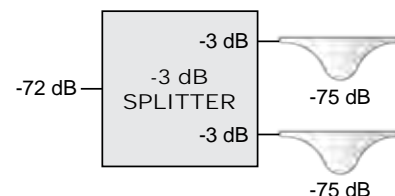
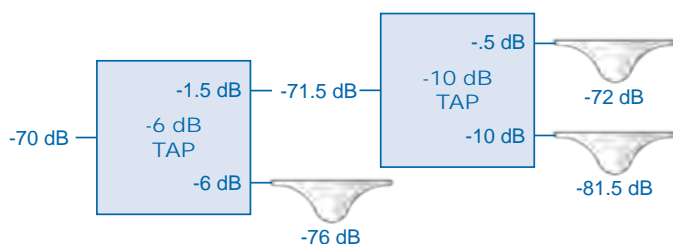
859902	50 Ohm Lightning Surge Protector	<ul style="list-style-type: none"> • N-Female Connectors • Attenuation less than 0.2 dB • Frequency range up to 3 GHz • Replaceable gas discharge element (859920)
859988	75 Ohm Lightning Surge Protector	

COMBINER DIPLEXER



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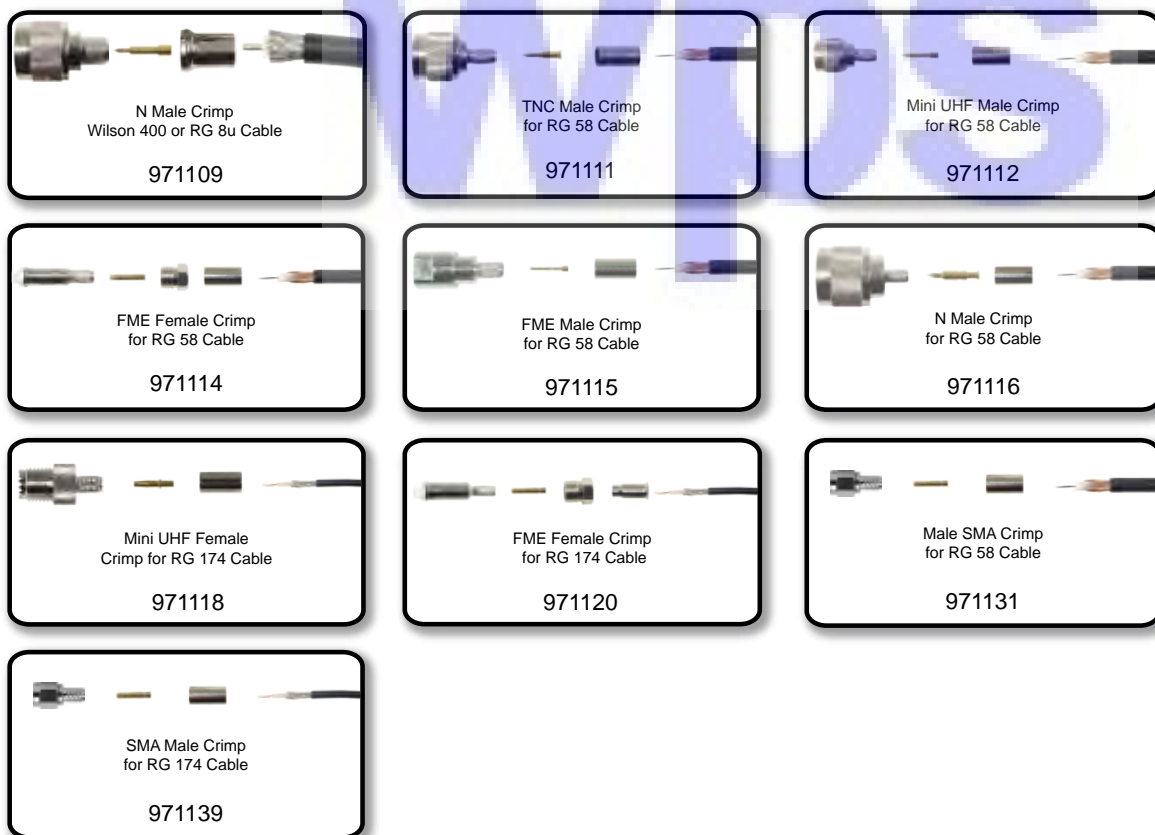
- Each output port loses .5 dB
- 700-960 & 1710-2155 MHz LTE 700, Cellular, iDEN, GSM, AWS, PCS
- N-Female Connectors
- Can connect two outside antennas to one signal booster or two signal boosters to one inside antenna



CONNECTORS



CRIMP CONNECTORS



Coaxial Cables



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

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



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

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

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

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

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



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

951110 2-foot
951120 10-foot
951104 20-foot



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

951116 6-foot



Attenuators

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



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

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



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

951116 6-foot



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

951130 6-foot

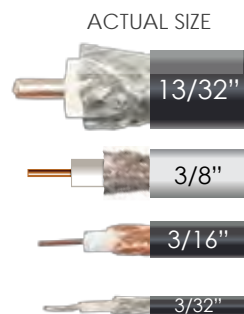


The Cellular Downlink Signal Detector - 867501

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



	LOSS PER 10'	
	800 MHz	1900 MHz
Wilson 400	.45 dB	.7 dB
RG-6	.83 dB	1.35 dB
RG-58 Cable	1.0 dB	2.66 dB
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 call our tech support department toll free

1-877-594-5766

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

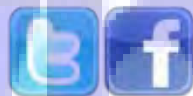


Part Number

859924

Dimensions

10.5 x 9.5 x 2.5 (inch)
26.67 x 24.13 x 6.35 (cm)



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facebook.com/wilsoncellular

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