



PRODUCT CATALOG



## **ENGINEERING • EXPERIENCE • EXCELLENCE**

weBoost, LLC, formerly Wilson Electronics, facilitates uninterrupted cellular communications in consumer, enterprise and industrial applications worldwide. A global leader in the wireless communication industry, the company provides powerful cellular signal boosting solutions that deliver effortless communication in buildings and vehicles. weBoost products are designed, assembled and tested at the company's U.S. headquarters. weBoost signal boosting solutions are FCC and Industry Canada certified. For more information visit [www.weboost.com](http://www.weboost.com).

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**SYMBOL INDEX**

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

**All weBoost boosters include these standard features**

- Boosts both voice and data communications
- Provides a strong, reliable signal in weak signal areas
- Extends device battery life

**Antenna Warranty**

weBoost antennas are warranted for ninety (90) days against defects in workmanship and/or materials.

**Signal Booster Warranty**

weBoost signal boosters are warranted for two (2) years 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 weBoost. weBoost 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 weBoost 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 Customer Support at 1-866-294-1660.



# **MOBILE SOLUTIONS**

# Drive 4G-S™

## FEATURES

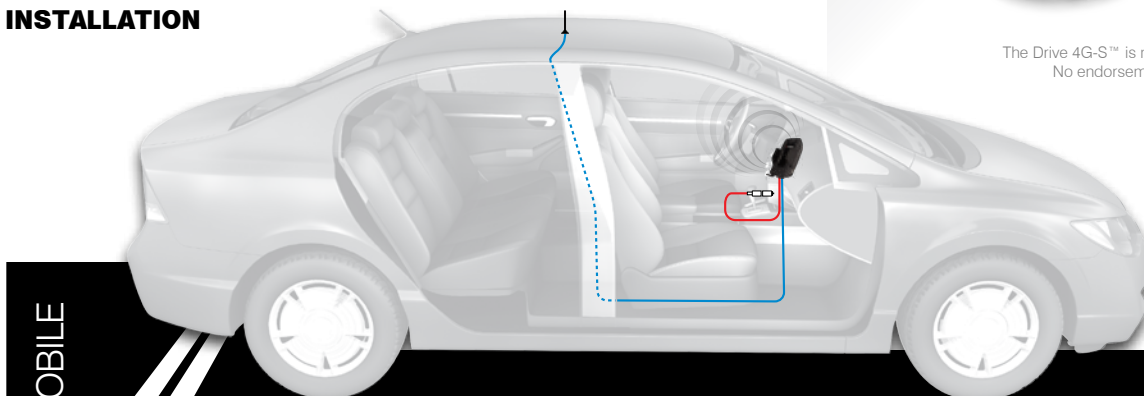
- Reduces dropped calls, extends signal range, and increases 3G & 4G data rates for the smartphone in the cradle
- Extends cell phone battery life
- Works with all carriers in North America
- Adjustable to fit any size smartphone
- Installs in minutes – no special tools required
- Complete kit: booster with 12.5 foot cable and antenna
- Supports hands-free operation
- Built-in battery charging port
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470107 / 470107F	
Frequency	BAND 12/17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700/2100 MHz
	BAND 25/2	1900 MHz
Max Gain	23 dB	
Connectors	Antenna: SMA Female • Power supply: 1.35 mm male	
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	
Power Supply	5V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



MOBILE



SINGLE  
DEVICE



See installation for full kit

## PACKAGE CONTENTS



Optional in-home accessory kit - 859100



The Drive 4G-S™ is marketed exclusively by weBoost.  
No endorsement by any other entity is implied.

# Drive 3G-S™

## FEATURES

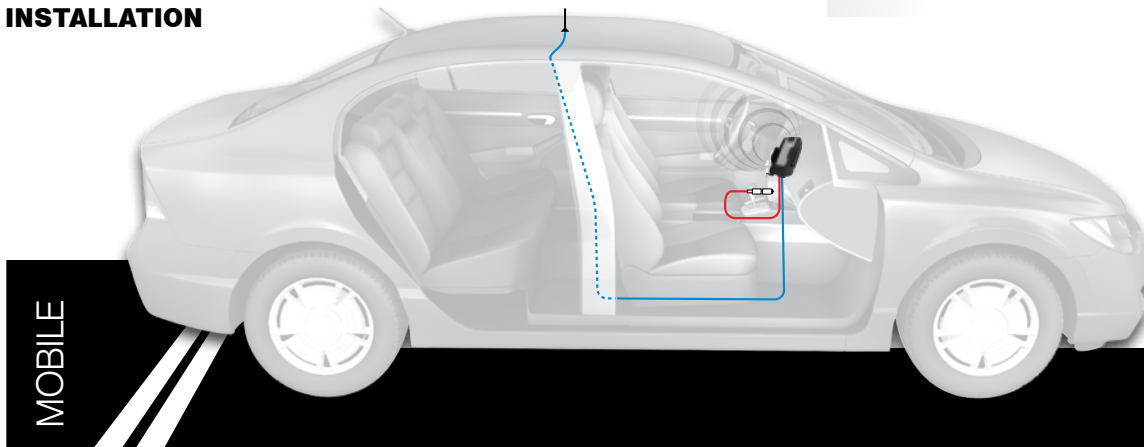
- Reduces dropped calls, extends signal range, and increases 3G data rates for the smartphone in the cradle
- Extends cell phone battery life
- Works with all carriers in North America
- Adjustable to fit any size smartphone
- Installs in minutes – no special tools required
- Complete kit: booster, antenna with 12.5 foot cable
- Supports hands-free operation
- Built-in battery charging port (adapters sold separately)
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470106 / 470106F	
Frequency	BAND 5	850 MHz
	BAND 2	1900 MHz
Max Gain	23 dB	
Connectors	Antenna: SMA Female • Power supply: 1.35 mm male	
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	
Power Supply	5V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



SINGLE  
DEVICE



See installation for full kit

## PACKAGE CONTENTS



Optional in-home accessory kit - 859100



MOBILE



# Drive 3G-Flex™

## FEATURES

### Ideal for desktop boosting – can be powered by USB port.

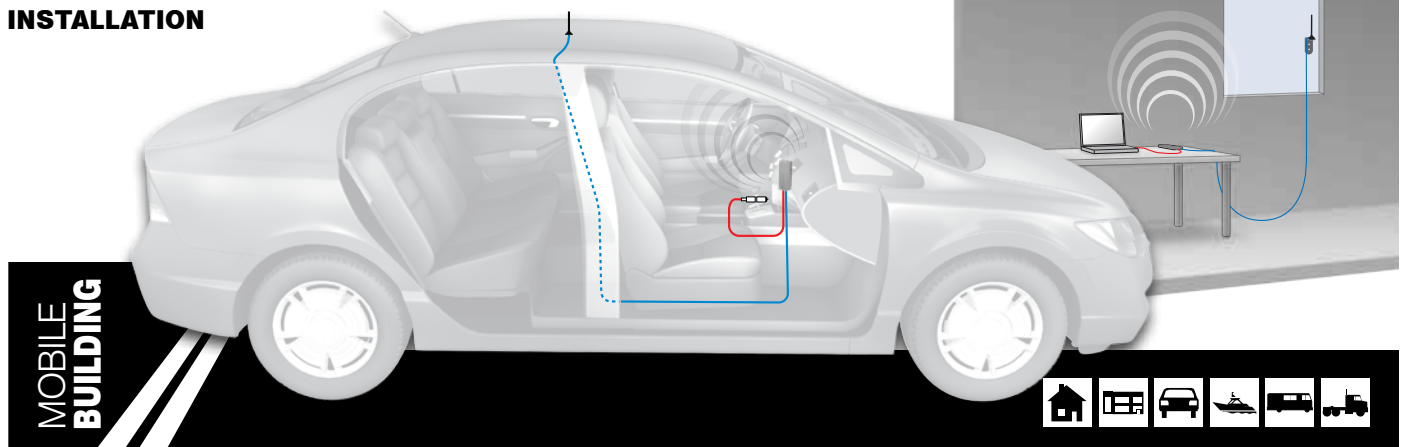
- Reduces dropped calls, extends signal range, and increases 3G data rates for up to two users simultaneously
- Extends cell phone battery life
- Works with all carriers in North America
- Installs in minutes – no special tools required
- Complete kit; booster, 5V power cord & antenna with 12.5 foot cable
- Two year warranty - with registration
- Portable – can easily be moved from vehicle to building
- Features a built-in inside antenna
- Multiple power options - USB port, DC power supply (vehicle power supply) or AC adapter
- Wireless operation – no physical connection to cell phone or data card
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470113	
Frequency	BAND 5	850 MHz
	BAND 25	1900 MHz
Max Gain	45 dB	
Connectors	Antenna: SMA Female • Power supply: Mini USB	
Dimensions	2 x 4.75 x 1 in / 5.1 x 12.1 x 2.5 cm	
Weight	3 oz / 0.09 kg	
Power Supply	5V DC vehicle power supply / 5V AC power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



## PACKAGE CONTENTS



Drive 3G-Flex™  
Outside antenna - 301126  
Window Mount Bracket  
Vehicle Dash Mount Kit

# Drive 3G-M™

BEST SELLER

## FEATURES

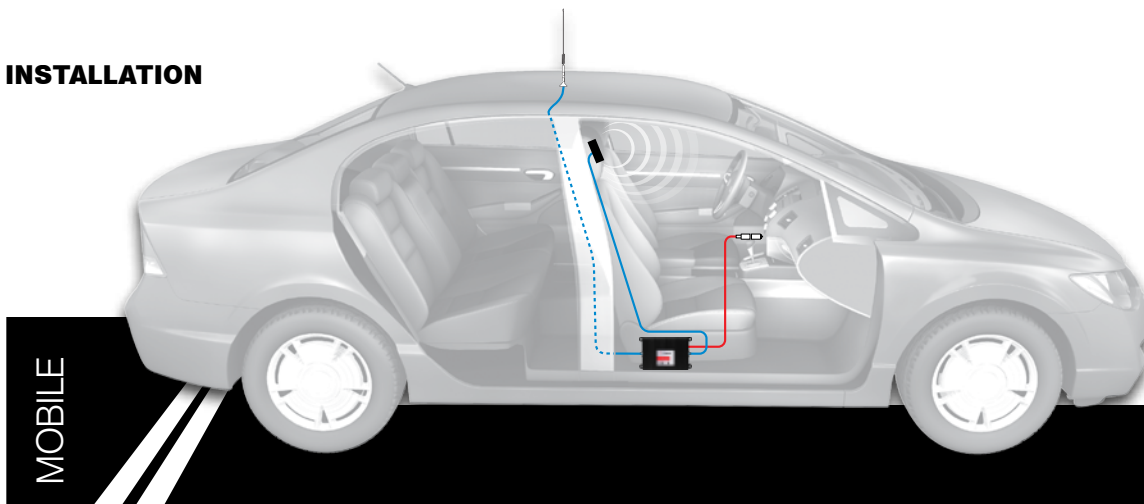
- Reduces dropped calls, extends signal range, and increases 3G data rates
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Installs in minutes – no special tools required
- Complete kit; booster, 12V power cord & antenna with 12.5 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470102 / 470102F	
Frequency	BAND 5	850 MHz
	BAND 25	1900 MHz
Max Gain	50 dB	
Connectors	Antenna: SMA Female • Power supply: DC/DC	
Dimensions	6.2 x 3.6 x 1.3 in / 15.7 x 9.1 x 3.3 cm	
Weight	1.2 lbs / 0.54 kg	
Power Supply	6V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



**BEST SELLING  
Mobile Signal  
Booster**

**MULTIPLE  
DEVICES**



See installation for full kit

## PACKAGE CONTENTS



Drive 3G-M™  
Outside antenna - 311125  
Inside antenna - 301152

MOBILE





# Drive 4G-M™

BEST SELLER

## FEATURES

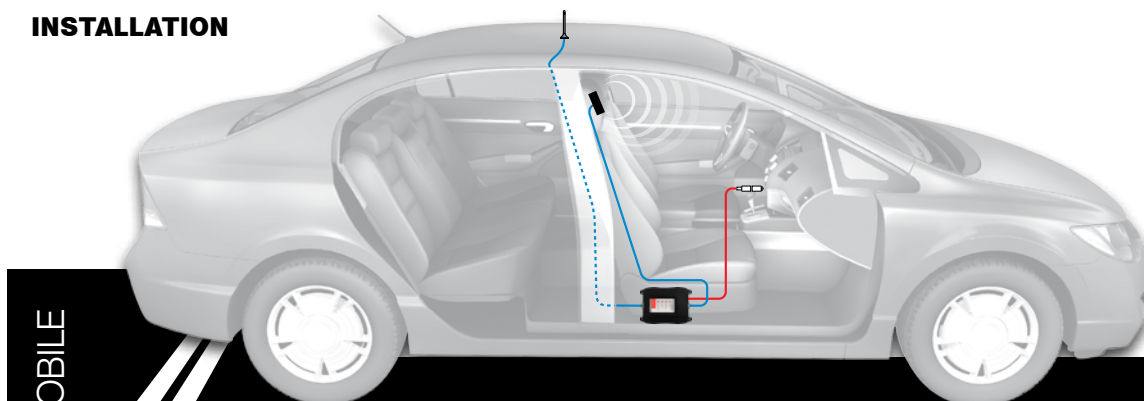
- Reduces dropped calls, extends signal range, and increases 4G data rates
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Installs in minutes – no special tools required
- Complete kit; booster, 12V power cord & antenna with 12.5 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470108 / 470108F	
Frequency	BAND 17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700 MHz
	BAND 25/2	1900 MHz
Max Gain	50 dB	
Connectors	Antenna: SMA Female • Power supply: DC/DC	
Dimensions	4.5 x 6.44 x 1.19 in / 11.43 x 16.35 x 3.02 cm	
Weight	1.195 lbs / .54 kg	
Power Supply	6V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



MOBILE



See installation for full kit

## PACKAGE CONTENTS



Drive 4G-M™  
Outside antenna - 301126  
Inside antenna - 301152

# Drive 3G-X™

## FEATURES

- Extends signal range up to 60% farther than similar boosters
- Reduces dropped calls, extends signal range and increases 3G data rates
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Installs in minutes – no special tools required
- Complete kit; booster, 12V power cord & antenna with 12.5 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

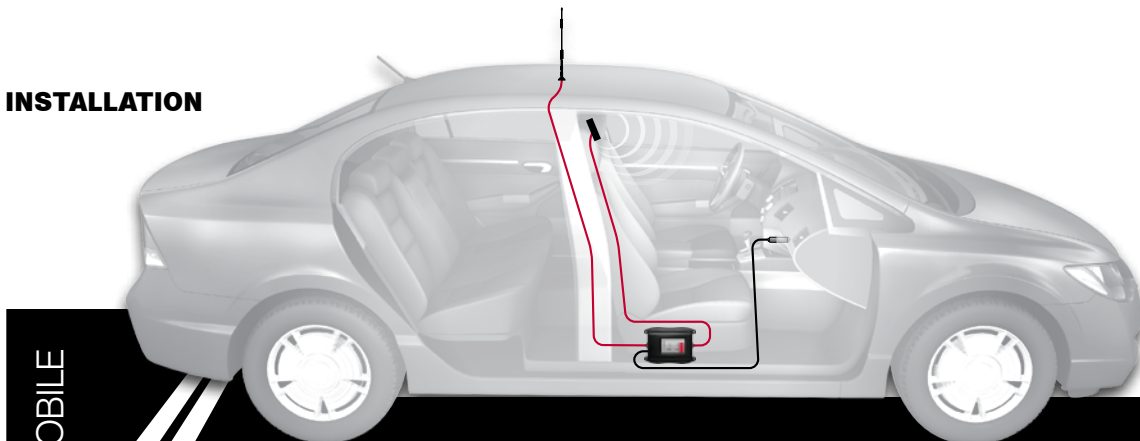
Part Number	470111	
Frequency	BAND 5	850 MHz
	BAND 2	1900 MHz
Max Gain	50 dB	
Connectors	Antenna: SMA Female • Power supply: DC/DC	
Dimensions	4.5 x 6.44 x 1.19 in / 11.43 x 16.35 x 3.02 cm	
Weight	1.195 lbs / .54 kg	
Power Supply	12V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## KITS

- 470111 - 12" Magnet Mount Antenna (311125), Low Profile Inside Antenna (301152)
- 470211 - Drive 3G-XR RV Kit (311133), Inside Panel Antenna (311135)
- 470311 - Drive 3G-XR Marine Kit (311130), RG58 Cable, Inside Panel Antenna (311135)
- 470411 - NMO Mount Antenna (311104), 14' RG174, Low Profile Inside Antenna (301152)

## INSTALLATION



MULTIPLE  
DEVICES



See installation for full kit

## PACKAGE CONTENTS



Drive 3G-X™  
Outside antenna - 311125  
Inside antenna - 301152

MOBILE



# Drive 4G-X™

## FEATURES

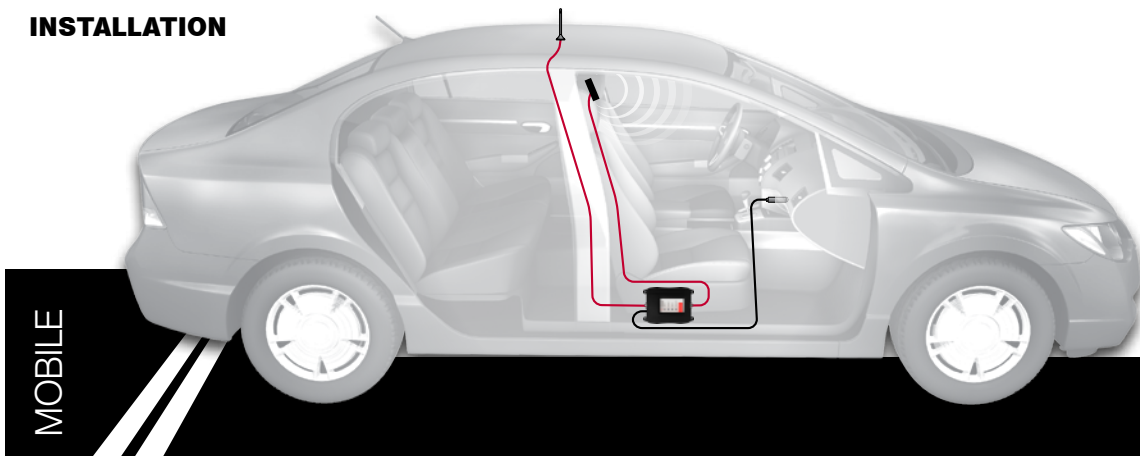
- Extends signal range up to 60% farther than similar boosters
- Reduces dropped calls, extends signal range and increases 3G & 4G data rates
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Installs in minutes – no special tools required
- Complete kit; booster, 12V power cord & antenna with 12.5 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470510	
Frequency	BAND 17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700 MHz
	BAND 25/2	1900 MHz
Max Gain	50 dB	
Connectors	Antenna: SMA Female • Power supply: DC/DC	
Dimensions	4.5 x 6.44 x 1.19 in / 11.43 x 16.35 x 3.02 cm	
Weight	1.195 lbs / .54 kg	
Power Supply	12V DC vehicle power supply	

Note: for additional specifications refer to product installation manual found online

## INSTALLATION



MULTIPLE  
DEVICES



See installation for full kit

## PACKAGE CONTENTS



Drive 4G-X™  
Outside antenna - 301126  
Inside antenna - 301152





# **BUILDING SOLUTIONS**

# Home 3G™

## FEATURES

- Reduces dropped calls, extends signal range and increases 3G data rates for multiple rooms
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 50 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	473105 / 473105F	
Frequency	BAND 5	850 MHz
	BAND 2	1900 MHz
Max Gain	60 dB	
Connectors	SMA Female / F-Female	
Dimensions	6.5 x 4.25 x 1.75 in / 16.5 x 10.7 x 4.4 cm	
Weight	0.64 lbs / 0.29 kg	
Power Supply	AC/DC 6V/2.0A	

Note: for additional specifications refer to product installation manual found online

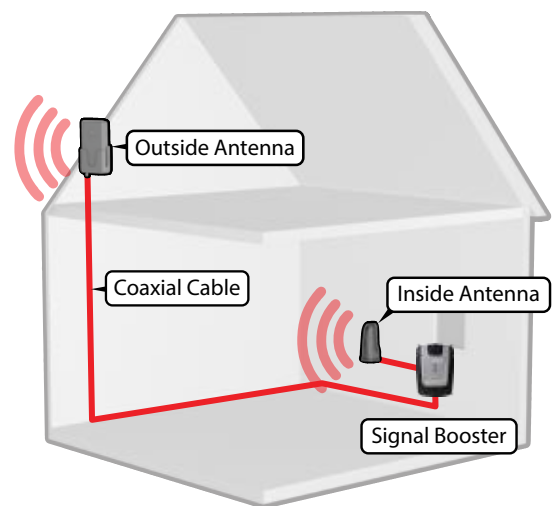


## PACKAGE CONTENTS

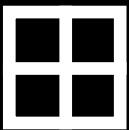


Home 3G™  
Outside antenna - 311141  
Inside antenna - 301211

20' & 30' lengths of coaxial  
cable - 950620, 950630  
Mounting hardware



BUILDING



# Home 4G™

## FEATURES

- Reduces dropped calls, extends signal range and increases 3G & 4G data rates for multiple rooms
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 60 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470101 / 470101F	
Frequency	BAND 17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700/2100 MHz
	BAND 25/2	1900 MHz
Max Gain	60 dB	
Connectors	SMA Female / F-Female	
Dimensions	4.5 x 6.44 x 1.19 in / 11.43 x 16.35 x 3.02 cm	
Weight	0.4 lbs / 0.18 kg	
Power Supply	AC/DC 5V/2.5A	

Note: for additional specifications refer to product installation manual found online

MULTIPLE ROOMS

MULTIPLE DEVICES



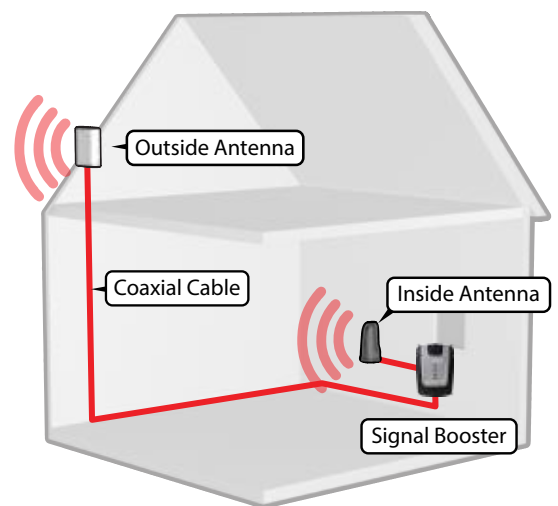
See installation for full kit

## PACKAGE CONTENTS

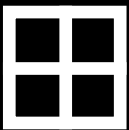


Home 4G™  
Outside antenna - 314473  
Inside antenna - 301211

Two 30' lengths of coaxial cable - 950630  
Mounting hardware



BUILDING



# Connect 3G™

## FEATURES

- Reduces dropped calls, extends signal range and increases 3G data rates for whole house
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 60 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

MULTIPLE ROOMS

MULTIPLE DEVICES



See installation for full kit

## SPECIFICATIONS

Part Number	472105 / 472205 / 472105F / 472205F	
Frequency	BAND 5	850 MHz
	BAND 2	1900 MHz
Max Gain	65 dB	
Connectors	F-Female	
Dimensions	6.5 x 4.25 x 1.75 in / 16.5 x 10.7 x 4.4 cm	
Weight	0.47 lbs / 0.21 kg	
Power Supply	AC/DC 6V/2A	

Note: for additional specifications refer to product installation manual found online

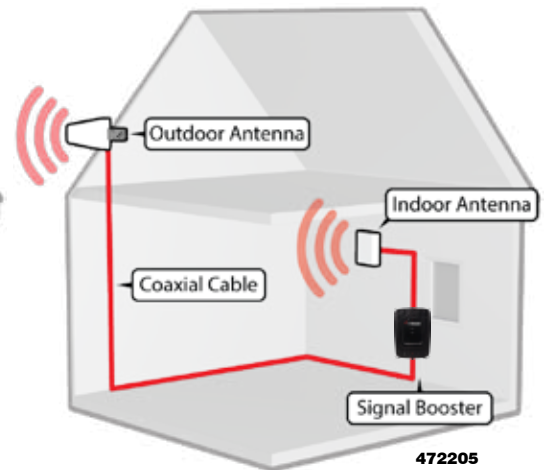
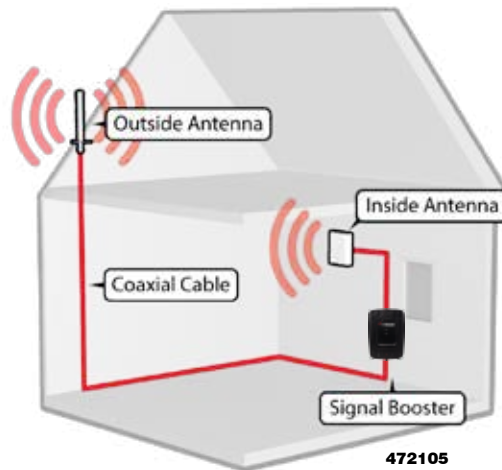
## PACKAGE CONTENTS



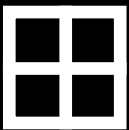
472105  
Connect 3G™  
Outside antenna - 301201  
Inside antenna - 311155  
Two 30' lengths of coaxial cable - 950630  
Mounting hardware



472205  
Connect 3G™  
Outside antenna - 314475  
Inside antenna - 311155  
Two 30' lengths of coaxial cable - 950630  
Mounting hardware



BUILDING





# Connect 4G™

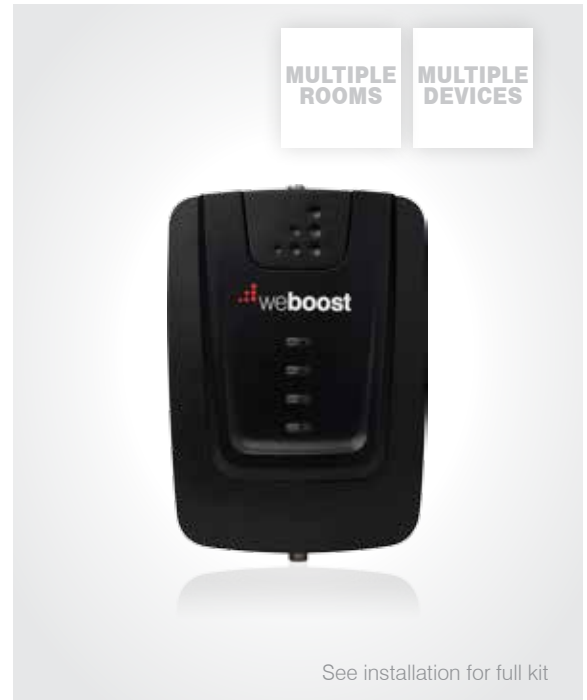
## FEATURES

- Reduces dropped calls, extends signal range and increases 3G & 4G data rates for whole house
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 60 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470103 / 470103F	
Frequency	BAND 17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700/2100 MHz
	BAND 25/2	1900 MHz
Max Gain	65 dB	
Connectors	F-Female	
Dimensions	6.5 x 4.25 x 1.75 in / 16.5 x 10.7 x 4.4 cm	
Weight	1.28 lbs / 0.580 kg	
Power Supply	AC/DC 5V/2.5A	

Note: for additional specifications refer to product installation manual found online

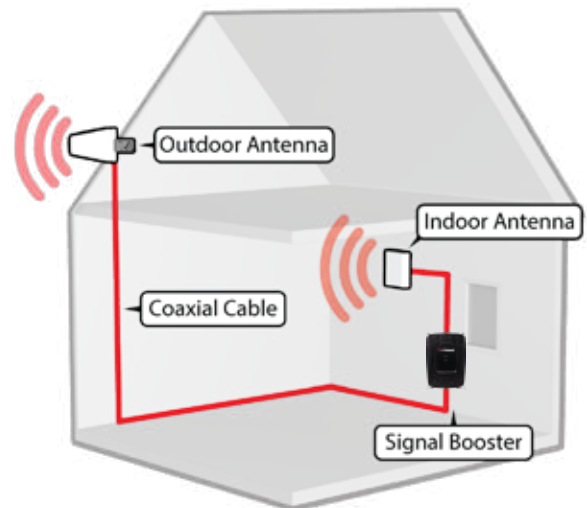


## PACKAGE CONTENTS

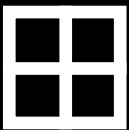


Connect 4G™  
Outside antenna - 314475  
Inside antenna - 311155

Two 30' lengths of coaxial cable - 950630  
Mounting hardware



BUILDING



# Connect 3G-X™

## FEATURES

- Reduces dropped calls, extends signal range and increases 3G data rates for large home
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 135 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470105 / 470105F	
Frequency	BAND 5	850 MHz
	BAND 2	1900 MHz
Max Gain	70 dB	
Connectors	N-Female	
Dimensions	6.75 x 4.2 x 1.25 inch / 17.1 x 10.8 x 3.17 cm	
Weight	1.27lbs / .544 kg	
Power Supply	AC/DC 6 V / 2.5 A	

Note: for additional specifications refer to product installation manual found online

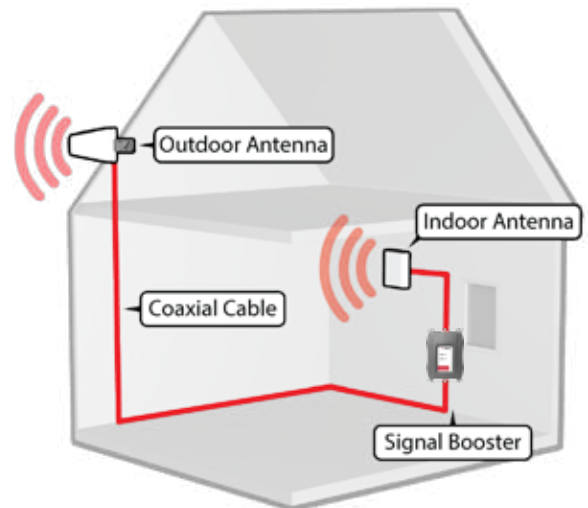


## PACKAGE CONTENTS



Connect 3G-X™  
 Outside antenna - 314411  
 Inside antenna - 311135

60' coaxial cable - 952360  
 75' coaxial cable - 952375  
 Mounting hardware  
 Power - 859912



# Connect 4G-X™

## FEATURES

- Reduces dropped calls, extends signal range and increases 3G & 4G data rates for large home
- Extends cell phone battery life
- Works for multiple devices for multiple users
- Works with all carriers in North America
- Complete kit; booster, AC power cord & antennas with 135 foot cable
- Two year warranty - with registration
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	471104	
Frequency	BAND 12/17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700/2100 MHz
	BAND 25/2	1900 MHz
Max Gain	70 dB	
Connectors	N-Female	
Dimensions	6.5 x 8.75 x 1.63 in / 16.51 x 22.23 x 4.13 cm	
Weight	2.6 lbs / 1.18 kg	
Power Supply	AC/DC 12 V / 3 A	

Note: for additional specifications refer to product installation manual found online

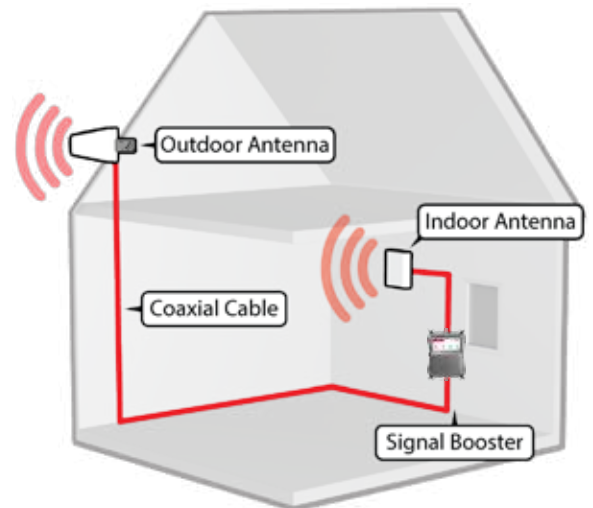


## PACKAGE CONTENTS



Connect 4G-X™  
 Outside antenna - 314411  
 Inside antenna - 311135

60' coaxial cable - 952360  
 75' coaxial cable - 952375  
 Mounting hardware  
 Power - 859948





## FEATURES

- Bi-directional signal booster
- Works on all North American 3G carriers
- Configurable to fit virtually any M2M situation
- Includes AC power supply and antenna with 12.5' cable
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470109	
Frequency	BAND 5	850 MHz
	BAND 25	1900 MHz
Max Gain	15 dB	
Connectors	SMA-Female	
Dimensions	3.3 x 1.9 x 0.8 inch / 8.4 x 4.8 x 2.0 cm	
Weight	0.18 lbs / 0.08 kg	
Power Supply	AC/DC 5V/2A	

Note: for additional specifications refer to product installation manual found online

## KITS

- 470109 - Signal 3G™, AC Power Supply, 12" Magnet Mount Antenna (311125)
- 470209 - Signal 3G™, AC Power Supply, Mini-Mag Antenna (301126)
- 470309 - Signal 3G™, DC Hardwire Power Supply, Mini-Mag Antenna (301126)

## M2M VERTICALS

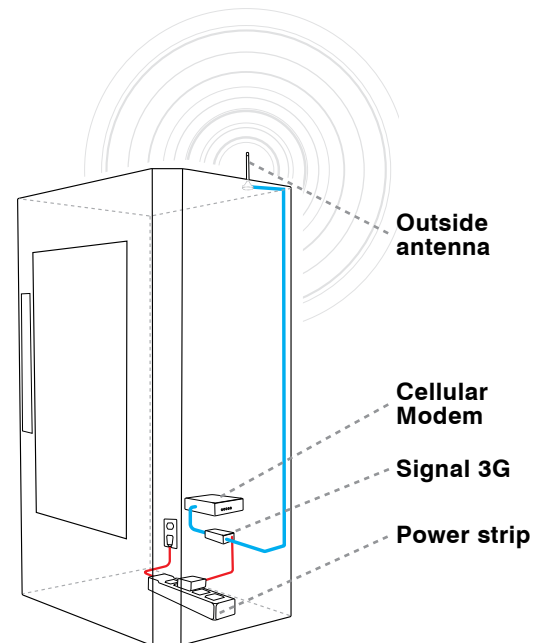
- Remote Monitoring and Control
- Digital Signage
- ATMs, Vending, Kiosks
- Internet Failover
- Fleet Tracking/Management



## MACHINE TO MACHINE BOOSTER

**A weBoost 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





SINGLE  
DEVICE

## FEATURES

- Bi-directional signal booster
- Works on all North American carriers 3G & 4G
- Configurable to fit virtually any M2M situation
- Includes AC power supply and antenna with 12.5' cable
- FCC and IC Type Accepted

## SPECIFICATIONS

Part Number	470119	
Frequency	BAND 17	700 MHz
	BAND 13	700 MHz
	BAND 5	850 MHz
	BAND 4	1700/2100 MHz
	BAND 25/2	1900 MHz
Max Gain	15 dB	
Connectors	SMA-Female	
Dimensions	6.2 x 3.6 x 1.3 inch / 15.7 x 9.1 x 3.3 cm	
Weight	1.2 lbs / 0.54 kg	
Power Supply	AC/DC 5V/2A	

Note: for additional specifications refer to product installation manual found online

## KITS

- 470119 - Signal 4G™, AC Power Supply, Mini-Mag Antenna, 3' RG174 Cable with SMA Male Connectors
- 470219 - Signal 4G™, DC Hardwire Power Supply, Mini-Mag Antenna, 3' RG174 Cable with SMA Male Connectors

## M2M VERTICALS

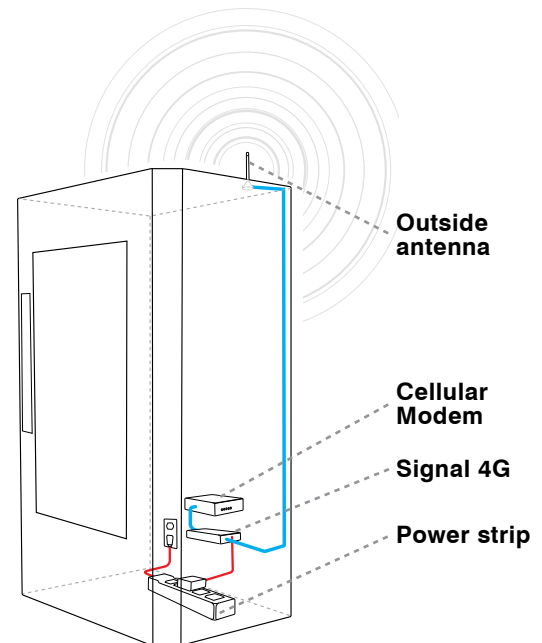
- Remote Monitoring and Control
- Digital Signage
- ATMs, Vending, Kiosks
- Internet Failover
- Fleet Tracking/Management



## MACHINE TO MACHINE BOOSTER

**A weBoost 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



# High-Gain Antennas



**301101 / 311101 / 311701 Trucker Mirror-Mount Antenna**

19-inch fiberglass mast raises antenna above trailers



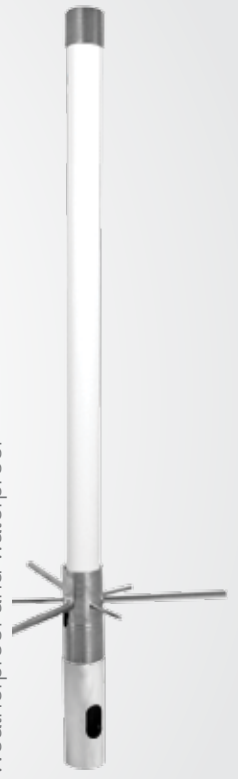
**311119 RV / Trucker Roof-Mount Antenna**

5/8-inch x 7-inch threaded mounting rod spans the distance between roof and headliner



**311133 RV / Trucker Spring-Mount Antenna**

Built-in spring reduces impact damage



**311130 Marine Antenna**

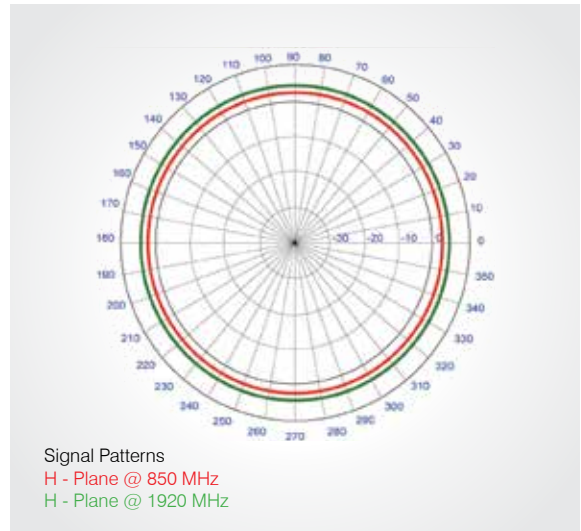
Weatherproof and waterproof

## Rugged, High-Gain Antennas Deliver Powerful Performance

Professional drivers demand top performance from their equipment. weBoost 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.

## 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 (301101/311101)
- Mounting options available for any application



## SPECIFICATIONS

Part Number	301101	311101	311701	311119	311133	311130
Frequency Range	Refer to table on page 28					
Impedance	50 ohms					
Antenna Gain	Refer to table on page 28					
Signal Pattern	Omni					
Polarization	Vertical					
Ground Plane	Built-In Ground Plane					
Connector	FME FEMALE	SMA MALE				
Material	Whip - Stainless Steel Extension - Fiberglass		Whip - Stainless Steel		Whip - Stainless Steel Casing - Fiberglass	
Coax Cable	RG58 - 14 feet / 4.3 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 weBoost mobile antennas

Designed for use with our mobile signal boosters, weBoost 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




301103 • 311125 • 311128  
Magnet-Mount Antenna



311113 • 301126  
Mini Magnet-Mount Antenna

### SPECIFICATIONS

	Magnet-Mount Antennas				Mini Magnet-Mount Antennas	
Part Number	301103 	311125	311128	311703	311113	301126
Frequency Range (MHz)	Refer to table on page 28					
Impedance	50 ohms					
Antenna Gain	Refer to table on page 28					
Signal Pattern	Omni					
Polarization	Vertical					
Ground Plane	Metal ground plane required					
Connector	FME Female	SMA Male	TNC Male	SMA Male	FME Female	SMA Male
Material	Whip - Stainless Steel				Whip - Plastic Coated Steel Wire	
Coax Cable	RG174 - 12.5 feet / 3.05 meters					
Height	12.25 inches / 31.12 cm				4.175 inches / 10.60 cm	
Mount	Rare earth magnet				Rare earth magnet	





**311102  
Glass-Mount Antennas**  
Permanent installation



**311112 NMO Trucker Antenna**  
Same styling as our popular trucker antenna for NMO mounting



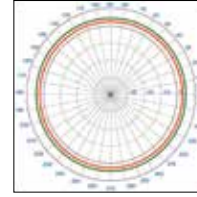
**311104 • 314203 • NMO Antennas**

Glass-Mount & Mini Glass-Mount Antennas		NMO Trucker Antennas	NMO Antennas	
311102		311112	311104	314203
Refer to table on page 28				
50 ohms				
Refer to table on page 28				
Omni				
Vertical				
Built-In Ground Plane		Metal ground plane required		
SMA Male		SMA Male		
Whip - Stainless Steel		Whip - Stainless Steel		
RG58 - 14 feet / 4.27 meters		sold separately		sold separately
15 inch / 38.10 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 29)		

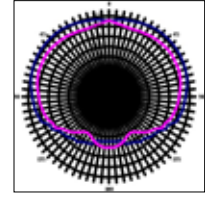
# Low Profile & Ultra-Slim Antennas

## FEATURES

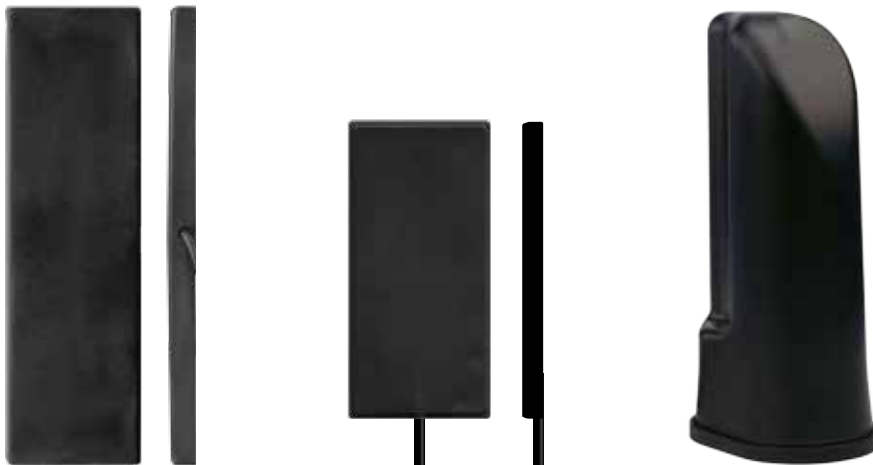
- Low profile antennas for discreet installation
- Includes mounting options



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



Signal Patterns  
301206, 301209, 301210  
H - Plane @ 806-894 MHz  
H - Plane @ 1850-1990 MHz



## SPECIFICATIONS

Part Number	301152	301149	301211
Frequency	Refer to table on page 28		
Impedance	50 ohms		
Antenna Gain	Refer to table on page 28		
Signal Pattern	Omni when mounted vertically		120° H Plane
Polarization	Vertical		
Connector	SMA Male	SMA Male	SMA Male
Coax Cable	RG174 - 14 ft / 4.27 m	RG174 - 7.5 ft / 2.28 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		

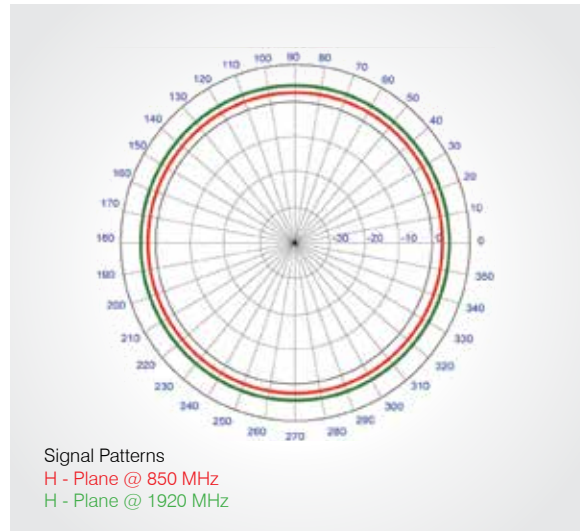
# Cradle Plus Antenna

## Hands-Free Safety and Convenience

weBoost innovative Cradle Plus features a built-in inside antenna. 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 any cell phone or cellular data device.
- Multiple mounting options: console, dashboard or windshield
- Installs in minutes

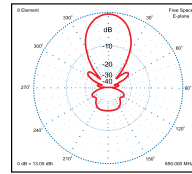
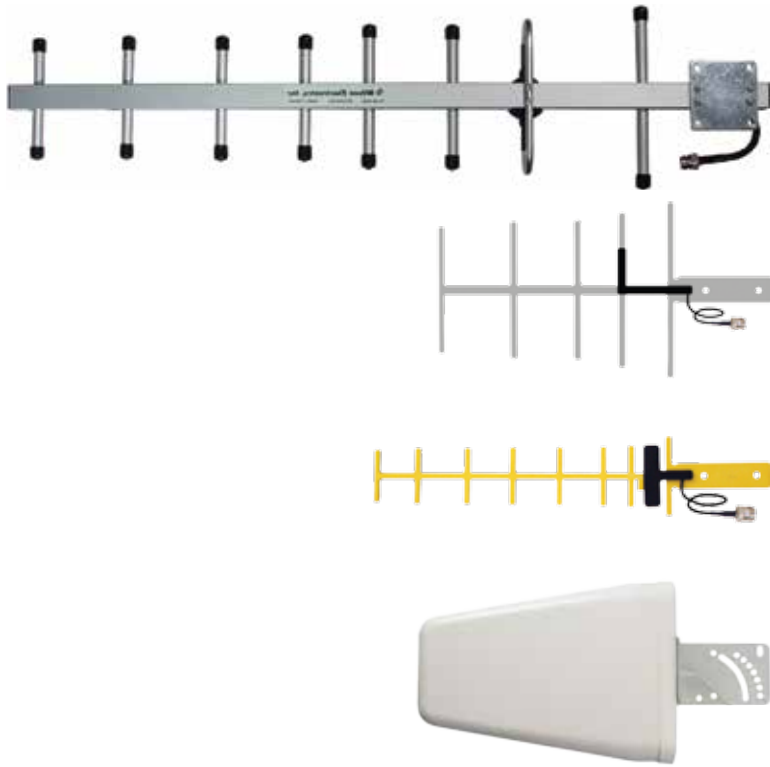


## SPECIFICATIONS

<b>Part Number</b>	301148
<b>Frequency Range</b>	Refer to table on page 28
<b>Impedance</b>	50 ohms
<b>Antenna Gain</b>	Refer to table on page 28
<b>Connector</b>	SMA Male
<b>Coax Cable</b>	RG 174 - 7.5 ft
<b>Length</b>	4.125 in / 10.5 cm
<b>Width</b>	2.875-4.5 in / 7.3-11.4 cm



# Yagi Antennas - Durable, high-gain, directional antennas



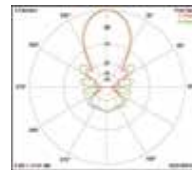
**301111 Yagi 800 MHz**

Our highest gain antenna for the 800 MHz band



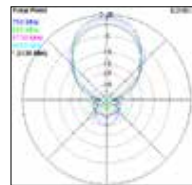
**311129 Yagi 800 MHz**

Lower profile for 800 and 900 MHz



**311124 Yagi 1900 MHz**

Our highest gain antenna for the 1900 MHz band



**314475 75 ohm**

**314411 50 ohm**

Wide Band Directional Antenna

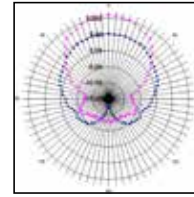
## SPECIFICATIONS

	Yagi			Log-Periodic	
Part Number	301111	311129	311124	314411	314475
Number of Elements	8	5	9	9	
Frequency	Refer to table on page 28				
Impedance	50 ohms			75 ohms	
Antenna Gain	Refer to table on page 28				
Max Power	50 watts	10 watts	25 watts	100 watts	
Polarization	Directional				
	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 cm <sup>2</sup>			< 465 cm <sup>2</sup>	
Brackets	Max OD 2 inches				

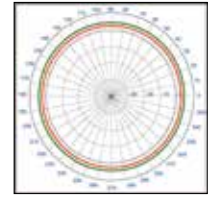
# Building Antennas

## 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



50 ohm & 75 ohm  
311135 & 311155 wall mount  
304451 & 304471 ceiling mount  
304452 & 304472 window mount



311141



311201  
311203



314453 & 314473 weatherproof



Inside Antennas

Outside Antennas

## SPECIFICATIONS

	Dome		Panel						Omni		
Part Number	301121	301151	304451	304471	311135	311155	311141	304452	304472	311201	311203
Frequency	Refer to table on page 28										
Impedance	50 ohms	75 ohms	50 ohms	75 ohms	50 ohms	75 ohms	75 ohms	50 ohms	75 ohms	75 ohms	50 ohms
Polarization	Vertical		Vertical						Vertical		
Antenna Gain	Refer to table on page 28										
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	F-Female	N-Female	F-Female	F-Female	N-Female	F-Female	F-Female	N-Female
Dimensions	Diameter 8 inches / 20.32 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
	311125	1.9	5.1	3.1	-4.0	6.1	2.3
	311128	1.9	5.1	3.1	-4.0	6.1	2.3
	311703	-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
DUAL BAND TRUCKER ANTENNAS	311101		5.1			6.1	
	311701			5.1	6.1		
RV TRUCKER W/SPRING ANTENNAS	311119	3.1	4.1	2.0	-1.8	5.1	-2.6
	311133	3.1	4.1	2.0	-1.8	5.1	-2.6
GLASS MOUNT ANTENNAS	311102	1.8	3.5	2.8	-1.5	4.8	1.0
NMO ANTENNAS	311104	2.0	4.9	0.0	-3.1	5.9	1.3
	311112	2.4	5.5	-0.9	-1.2	5.5	1.7
	314203	3.7	4.4	4.3	-4.1	3.7	0.3
DUAL BAND LOW PROFILE ANTENNAS	301152						
	301211	-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
	311124	-18.7	-23.4	-21.6	9.1	12.5	-10.6
	311129	-0.9	10.1	-7.9	-10.3	-11.9	-8.7
	314411	7.3	8.1	7.4	9.2	10.6	10.4
	314475	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
	301151	-2.5	2.5	-0.5	3.5	4.1	1.5
MARINE ANTENNAS	311130	3.4	4.1	3.5	3.1	5.1	0.2
PANEL ANTENNAS	311135	5.2	4.4	4.2	10.1	10.6	8.2
	311155	5.2	4.4	4.2	10.1	10.6	8.2
	314451	5.2	4.4	4.2	10.1	10.6	8.2
	314471	5.2	4.4	4.2	10.1	10.6	8.2
	314452	5.2	4.4	4.2	10.1	10.6	8.2
	314472	5.2	4.4	4.2	10.1	10.6	8.2
	314453	5.2	4.4	4.2	10.1	10.6	8.2
	314473	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	301148	-5.0	0.7	-0.8	2.3	2.6	1.5
EXTERIOR BUILDING ANTENNAS	311141	0.7	4.0	3.6	-1.7	5.5	4.7
	311201	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

**This is a CONSUMER device.**

**BEFORE USE**, you **MUST REGISTER THIS DEVICE** with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider.

You **MUST** operate this device with approved antennas and cables as specified by the manufacturer. Antennas **MUST** be installed at least 20 cm (8 inches) from any person.

You **MUST** cease operating this device immediately if requested by the FCC or a licensed wireless service provider.

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

# Mounts & Replacement Parts



- 901150 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
  - SMA-Male Connector



- 905814 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
  - SMA-Male 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 (311101) and (311133)
  - 3/8-24 thread
  - 5 millimeter chrome-plated aluminum
  - Hardware included



- 901106 Horizontal Mount with Spade Stud**
- Compatible with Wilson Electronics Trucker Antennas (311101) and (311133)
  - 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



- 901133 Omni Antenna Building Mounting Bracket**
- Allows for easy mounting of the Omni-directional Antenna (311201, 311203) 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 (311135, 311155).
  - Bracket can be inserted into an interior wall.
  - Features a paintable cover.



- 901141 Window mount for panel antenna**

- 901140 Ceiling mount for panel antenna (not shown)**



- 901155-0630 Panel Antenna Upgrade Kit for the Desktop Amplifier**
- Includes Panel Antenna, 20' white RG6 coax cable, N-male to F-female



- 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**



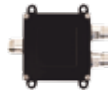
- 901134 Cradle Mounting Kit**



- 901120 Gooseneck Suction Cup Mount**

# Taps, Splitters, Lightning Protection, Combiner/Diplexer

## TAPS



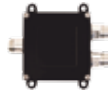
859906

-6 dB Tap  
700-960 MHz

50 Ohm

N Female

When to use taps

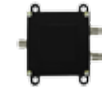


859907

-10 dB Tap  
700-2500 MHz

50 Ohm

N Female



859976

-10 dB Tap  
700-2500 MHz

75 Ohm

F Female

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 2 Way Splitter  
700-2500 MHz

75 Ohm

F Female



859994

-4.8 dB 3 Way Splitter  
700-2500 MHz

75 Ohm

F Female



859106

-6 dB 4 Way Splitter  
700-2700 MHz

75 Ohm

F Female

When to use splitters



859957

-3 dB 2 Way Splitter  
700-2700 MHz

50 Ohm

N Female

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.



859980

-4.8 dB 3 Way Splitter  
700-2700 MHz

50 Ohm

N Female

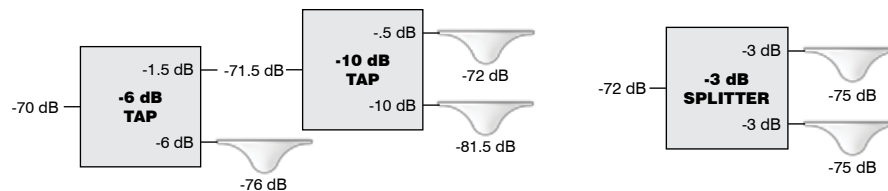


859981

-6 dB 4 Way Splitter  
700-2700 MHz

50 Ohm

N Female



## LIGHTNING



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)

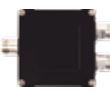


859992

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



859922

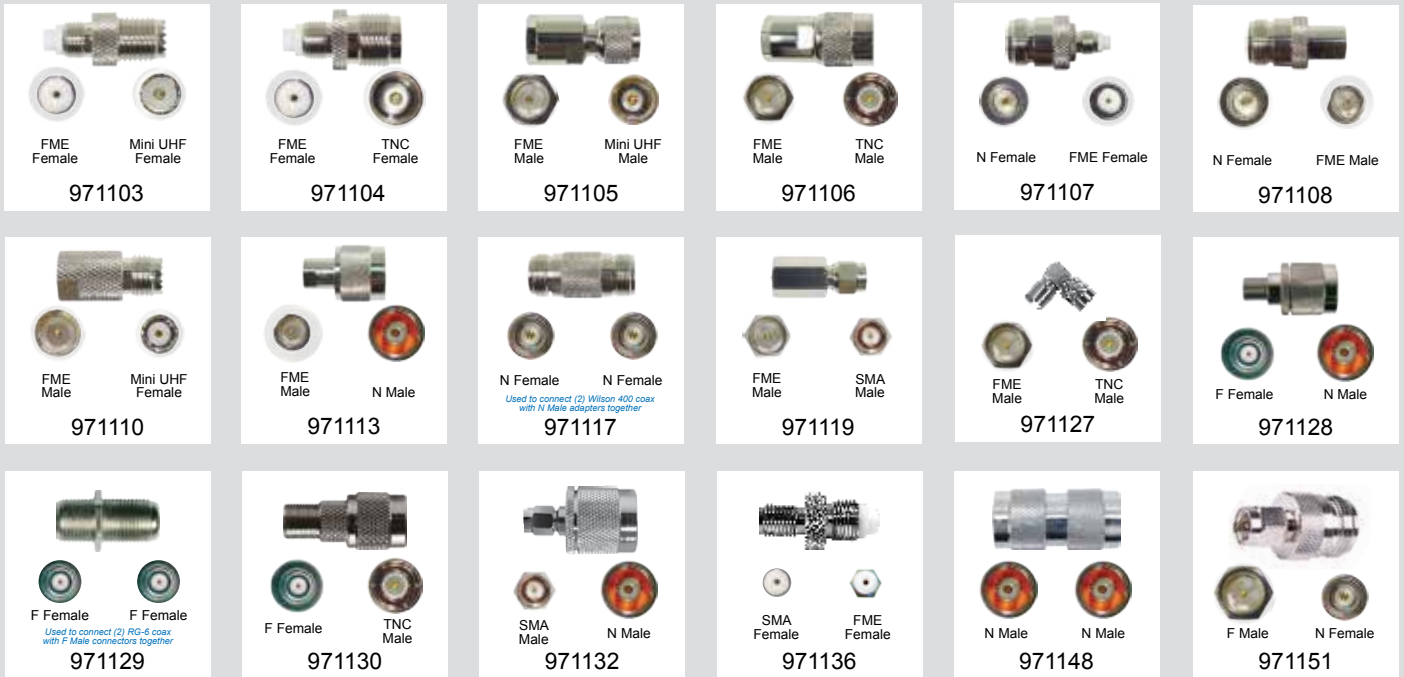
Dual-Band  
Combiner/Diplexer

- 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

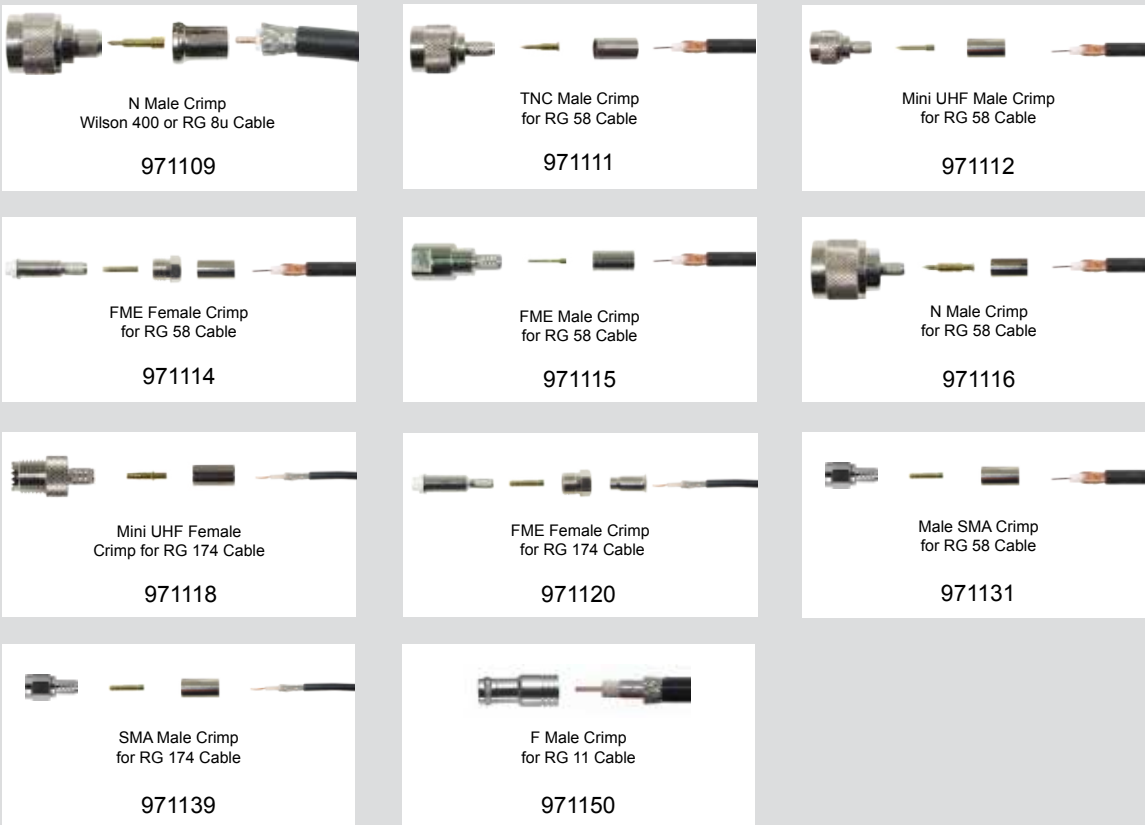


# Connectors and Crimp Connectors

## CONNECTORS



## CRIMP CONNECTORS



# Coaxial Cables & Signal Meter



**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



**RG-11 Low-Loss White Coax Cable F-Male / F-Male**

951150 50-feet  
951175 75-feet  
951100 100-feet



**RG58 Low-Loss Coax Cable N-Male / SMA-Male**

955802 2-feet  
955812 10-feet  
955822 20-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 SMA-Female / SMA-Male**

951130 6-feet







## Signal Pro™ RF Signal Meter 460118

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	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

Call tech support for specific use instructions

1-866-294-1660

# Power Supplies & Portable Case

## BUILDING POWER SUPPLIES



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
859948		AC/DC 5 V Power Supply Converts 120/240 V AC to 5 V DC
859900		AC/DC 12 V Power Supply Converts 120/240 V AC to 12 V DC

## VEHICLE POWER SUPPLIES



859913		DC/DC 6 V Power Supply Converts 12 V DC to 6 V DC
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)
859989		5 V / 1.5 A Hardwire Power Supply for Drive & Signal Boosters

## Need help finding a power supply?

For the most up to date information on all our products contact customer 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)



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