

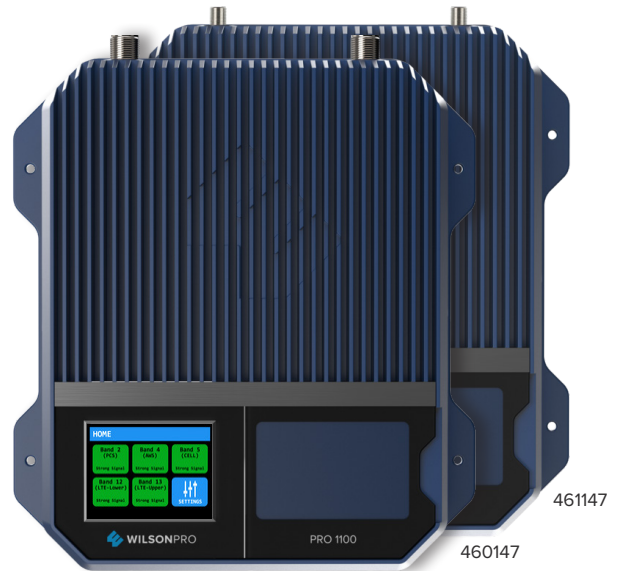
# Pro 1100

SKU: 460147 • 461147

## FEATURES

- Boosts cellular signal in buildings up to 35,000 sq. ft
- FCC-approved and works with all major U.S. mobile carrier networks.
- Maximum uplink power of 25 dBm, downlink power up to 15 dBm.
- Built-in XDR technology to prevent overload/shutdown from signal.
- Onboard software to auto adjust gain to current signal environment.
- Ability to turn off specific frequency bands.
- Color LCD touch screen for greater control and usability of Pro 1100.
- Modern, intuitive amplifier design for ease of wall-mount installation.
- Choice of 50 Ohm “N” or 75 Ohm “F” connectors per cable preference.

**⚠️ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## Kit Includes

<b>460147</b> 50 Ohm Kit	Pro 1100 Amplifier	Outside Directional Antenna 314411	Inside Dome Antenna 304412	Lightning Surge Protector 859902	2ft Low-Loss Wilson400 Cable 952302	60ft Low-Loss Wilson400 Cable 952360	75ft Low-Loss Wilson400 Cable 952375	AC Power Supply 850023
<b>461147</b> 75 Ohm Kit	Pro 1100 Amplifier	Outside Directional Antenna 314475	Inside Dome Antenna 304419	Lightning Surge Protector 859992	2ft Low-Loss RG11 Cable 951127	50ft Low-Loss RG11 Cable 951150	75ft Low-Loss RG11 Cable 951175	AC Power Supply 850023

## About

The **WilsonPro Pro 1100** is part of the next generation professional-grade cell signal amplification technology for Wilson Electronics. The Pro 1100 is a surprisingly powerful cell phone signal amplifier—capable of transmitting a 4dB stronger cellular signal back to the tower for always reliable cellular connectivity. This is twice the power of our competition. This added capacity makes the Pro 1100 ideal for large homes, medical offices, commercial buildings, and retail spaces up to 35,000 square feet in coverage area.

Designed to reach far away cell towers, the WilsonPro Pro 1100’s maximum uplink power provides 25dBm of available output. The Pro 1100 features a modern, intuitive design for easier antenna connection—placing each indoor and outdoor antenna port on top of the amplifier itself. The exposed mounting flange found on the amplifier unit’s corners make for simple and clean wall-mount installation.

## Specifications

<b>MODEL NUMBER</b>	460147* / 461147*
<b>FREQUENCIES</b>	Band 12/17    700 MHz Band 13       700 MHz Band 5        850 MHz Band 4        1700/2100 MHz Band 25      1900 MHz
<b>MAX GAIN</b>	70 dB
<b>MAX UPLINK POWER</b>	25 dBm
<b>MAX DOWNLINK POWER</b>	15 dBm
<b>IMPEDANCE</b>	50 Ohms / 75 Ohms
<b>POWER</b>	110 - 240 V AC, 50 - 60 Hz, 30 W
<b>CONNECTORS</b>	N-Female / F-Female
<b>AMPLIFIER DIMENSIONS</b>	9 x 10 x 2 in
<b>AMPLIFIER WEIGHT</b>	6.28 lbs / 6.22 lbs

## Detailed Specifications

Pro 1100					
SKU	460147 / 461147				
Model Number	460047 / 461047				
FCC ID	PWO460047				
IC ID	4726A-460047				
Connectors	N-Female / F-Female				
Antenna Impedance	50 Ohms / 75 Ohms				
Frequency	698-716 MHz, 729-746 MHz, 777-787 MHz, 824-894 MHz, 1850-1995 MHz, 1710-1755/2110-2155 MHz				
Power output for single cell phone (Uplink) dBm	700MHz Band12/17	700MHz Band13	800MHz	1700MHz	1900MHz
	24.0	24.0	25.0	25.0	25.0
Power output for single cell phone (Downlink) dBm	700MHz Band12/17	700MHz Band13	800MHz	2100MHz	1900MHz
	15.1	15.1	15.3	15.2	15.2
Noise Figure	5 dB nominal				
Isolation	> 90 dB				
Power Requirements	120V AC 0.5A				

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

Each Signal Booster is individually tested and factory set to ensure FCC compliance. The Signal Booster cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Booster will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized frequency bands only. If the Signal Booster is not in use for five minutes, it will reduce gain until a signal is detected. If a detected signal is too high in a frequency band, or if the Signal Booster detects an oscillation, the Signal Booster will automatically turn the power off on that band. For a detected oscillation the Signal Booster will automatically resume normal operation after a minimum of 1 minute. After 5 (five) such automatic restarts, any problematic bands are permanently shut off until the Signal Booster has been manually restarted by momentarily removing power from the Signal Booster. Noise power, gain, and linearity are maintained by the Signal Booster's microprocessor.

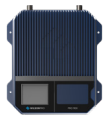
This device complies with Part 15 of FCC rules. Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by weBoost could void the authority to operate this equipment.

ASSEMBLED IN THE USA






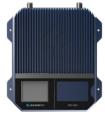
## Kit Variations

**Note:** Custom kits do not include antennas, lightning surge protectors, etc. Custom kits only include the amplifier, a power cord, and the noted spool of cable.



Pro 1100  
50 Ohm

SKU	460147 - STANDARD KIT	460247 - CUSTOM KIT	460347 - CUSTOM KIT	460447 - CUSTOM KIT
KIT CONTENTS	2' Black Low Loss Wilson400 Cable 60' Black Low Loss Wilson400 Cables 75' Black Low Loss Wilson400 Cable	250' Wilson400 Spool	500' Wilson400 Spool	500' Wilson Plenum Spool
PKG 1 of 2 L/W/H/WEIGHT	19" / 13" / 13" / 19.88 lbs SHIPS IN ONE BOX	14" / 11" / 3" / 7.825 lbs	14" / 11" / 3" / 7.825 lbs	14" / 11" / 3" / 7.825 lbs
PKG 2 of 2 L/W/H/WEIGHT		15" / 15" / 6" / 16.60 lbs	14.5" / 15.5" / 9" / 36.86 lbs	14.25" / 14.25" / 13" / 53 lbs
				



Pro 1100  
75 Ohm

SKU	461147 - STANDARD KIT	461247 - CUSTOM KIT	461347 - CUSTOM KIT
KIT CONTENTS	2' Black RG11 Cable 50' Black RG11 Cable 75' Black RG11 Cable	250' Wilson400 Spool	500' Wilson400 Spool
PKG 1 of 2 L/W/H/WEIGHT	19" / 13" / 13" / 19.79 lbs SHIPS IN ONE BOX	14" / 11" / 3" / 7.650 lbs	14" / 11" / 3" / 7.650 lbs
PKG 2 of 2 L/W/H/WEIGHT		15" / 15" / 6" / 15.40 lbs	15" / 15" / 11" / 28 lbs
			

FOR PARTNER'S USE

Support



3 Year Warranty from Purchase

Website: [www.wilsonpro.com/support](http://www.wilsonpro.com/support)

Phone: +1 866 294 1660

Monday to Saturday