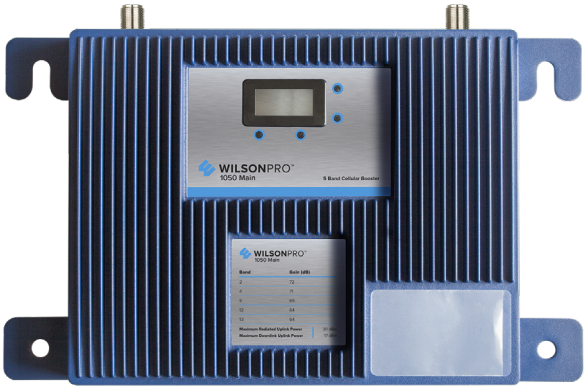
WILSONPRO™

Pro 1050

SKU: 460230



FEATURES

- Industry's first FCC & carrier approved "inline" cellular booster system
- Consists of "main" booster and "inline" booster
- "Inline" booster installed deep inside building and compensates for signal loss in long cable runs to inside antennas
- XDR technology: never shuts down due to overload, even with very strong outside cellular signals
- Automatically compensates for signal loss in up to 300' of cable
- Compatible with all North America cellular networks
- Three year warranty
- Up to +15 dBm downlink power at indoor antenna port, for maximum indoor coverage area

INLINE BOOSTER:

Kit Includes

WilsonPro 1050 Two-Part Booster System

Wide Band Directional Antenna + 75' Wilson 400 Cable

Dome Antenna + 100' Wilson 400 Cable

Lightning Surge Protector

100' Wilson 400 Cable

2' Wilson 400 Cable

About

The **WilsonPro 1050** passive distributed antenna system is the first FCC and carrier-approved "in-line" booster solution, providing reliable cell coverage deep inside hard-to-reach areas of buildings, such as equipment rooms, and lower floors of high-rise buildings. The system consists of two units: a main amplifier and an inline amplifier, located up to 300' from the main booster. The inline booster compensates for signal loss up to 300' of Wilson400 cable.

The WilsonPro 1050 system amplifies weak cell signals to provide reliable voice and data coverage–including 4G to inside spaces where signals may not penetrate. With new eXtended Dynamic Range (XDR) technology, the amplifier never shuts off due to a strong outside signal or changes in outside signals.

Like all WilsonPro cellular signal boosters, the WilsonPro 1050 features cell site protections that auto-detect and prevent any cell tower interference.

Specifications

MODEL NUMBER	460230	
FREQUENCIES	Band 12	700 MHz
	Band 13	700 MHz
	Band 5	850 MHz
	Band 4	1700/2100 MHz
	Band 25/2	1900 MHz
MAX GAIN	70 dB	
IMPEDANCE	50 Ohm	
POWER	110 - 240 V AC, 50 - 60 Hz, 30 W	
CONNECTORS	N-Female	
BOOSTER DIMENSIONS	3.75 x 11.5 x 18 in	
BOOSTER WEIGHT	TBD lbs	

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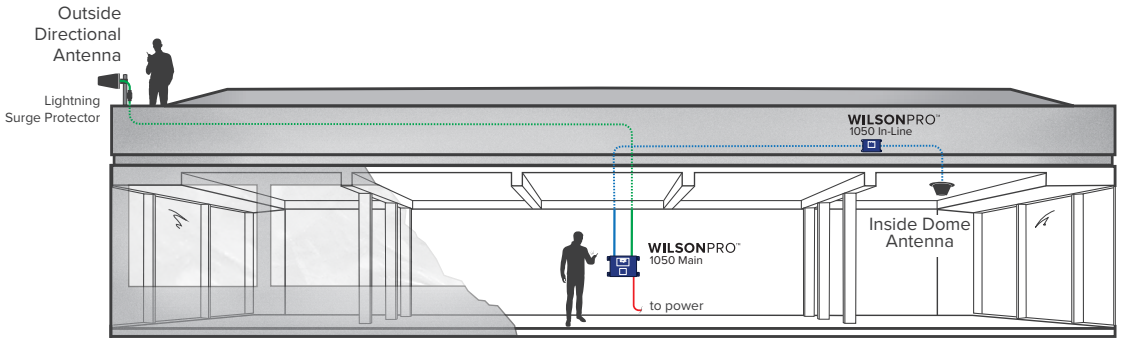
Detailed Specifications

	Pro 1050				
Model Number	460030				
FCC ID	PWO460030 / PWO0460030IL				
IC ID	4726A-460030				
Connectors	N-Female				
Antenna Impedance	50 Ohms				
Frequency	698-716 MHz, 729-746 MHz, 746-756 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**
	24.7	24.7	24.4	25.1	24.5
Power output for single cell phone (Downlink) dBm	**700MHz Band12/17**	**700MHz Band13**	**800MHz**	**2100MHz**	**1900MHz**
	14.8	14.3	15.6	15	15.1
	1050 Main			**1050 In-Line**	
Noise Figure	5 dB nominal			5 dB nominal	
Isolation	> 90 dB			> 90 dB	
Power Requirements	110-220V AC			5V 3A	

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.

Install Diagram



Package Dimensions

19.5 L x 19.5 H x 28 W

28 in. x 19.5 in.	19.5 in. x 19.5 in.	28 in. x 19.5 in.	44.82 lbs.
FRONT	**SIDE**	**TOP/BOTTOM**	**WEIGHT**

MASTER CARTON: None

FOR PARTNER'S USE

460230_1050_SS_Rev03_090517

Support

3 Year Warranty from Purchase.

Website: www.wilsonpro.com/support

Phone: +1 866 294 1660
Monday to Saturday

UPC

PRO 1050

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