

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 U.S cellular networks
- Up to +15 dBm downlink power at indoor antenna port, for maximum indoor coverage area

*⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Kit Includes



WilsonPro Pro 1050
Two-Part Booster
System



Wide Band Directional
Antenna + 75'
Wilson 400 Cable



Dome Antenna +
100' Wilson
400 Cable



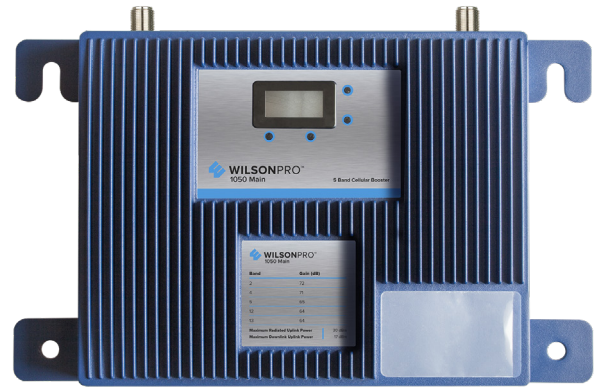
Lightning Surge
Protector



100' Wilson 400
Cable



2' Wilson 400
Cable



INLINE BOOSTER:



Not sold separately

About

The **WilsonPro Pro 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 Pro 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 Pro 1050 features cell site protections that auto-detect and prevent any cell tower interference.

Specifications

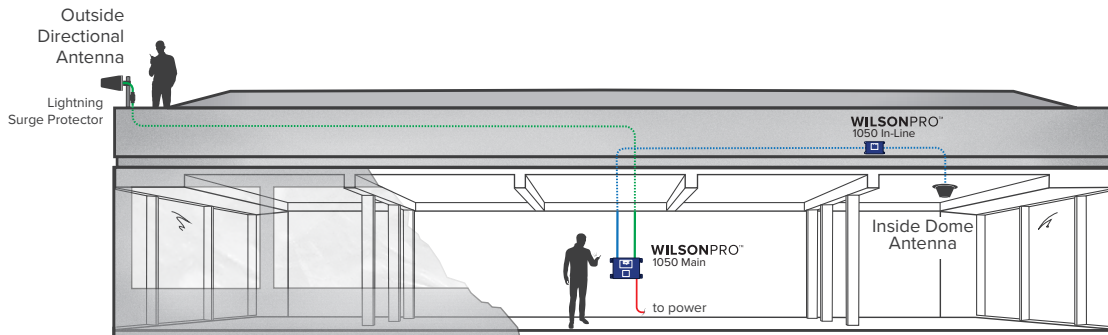
MODEL NUMBER	460230*	
FREQUENCIES	Band 12	700 MHz
	Band 13	700 MHz
	Band 5	850 MHz
	Band 4	1700/2100 MHz
	Band 25/2	1900 MHz
MAX GAIN	70 dB	
IMPEDANCE	50 Ohm	
POWER	110 - 240 V AC, 50 - 60 Hz, 30 W	
CONNECTORS	N-Female	
BOOSTER DIMENSIONS	3.75 x 11.5 x 18 in	
BOOSTER WEIGHT	9.280 lbs (In-line 1.120 lbs)	

Detailed Specifications

Pro 1050					
Model Number	460030				
FCC ID	PWO460030 / PWO0460030IL				
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		

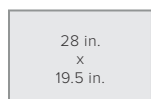
Each Signal Booster is individually tested and factory set to ensure FCC compliance. The Signal Booster cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Booster will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized 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



FRONT



SIDE

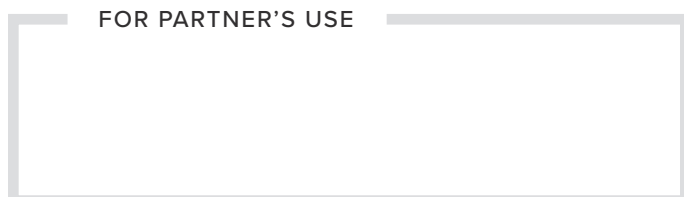


TOP/BOTTOM



WEIGHT

MASTER CARTON: None



460230_1050_SS_US_Rev04_100518

Support



3 Year Warranty from Purchase

Website: www.wilsonpro.com/support

Phone: +1 866 294 1660

Monday to Saturday

UPC

