

Pro 70 Plus Select (50 Ω)

SKU: 462127

FEATURES

- +12 dBm downlink power for highest available indoor coverage
- Adjustable uplink and downlink gain controls
- Graphical uplink & downlink power meter
- Boosts cell phone signal inside a building or large area up to 25,000 sq. ft.
- Up to 70 dB gain



Kit Includes



Pro 70 Plus Select (50Ω)



Wide Band Directional Antenna (314411)



Dual Band Panel Antenna (311135)



Lightning Surge Protector (859902)



2ft Low-Loss Wilson400 Cable (952302)



60ft Low-Loss Wilson400 Cable (952360)



75ft Low-Loss Wilson400 Cable (952375)



120v AC Power Supply (859900)

About

Designed to provide enhanced indoor cellular coverage for all commercial space, including hospitals, hotels, warehouses and offices, the **Pro 70 Plus Select** passive distributed antenna system from Wilson Electronics amplifies weak cellular signals to provide reliable voice and data coverage – including 4G – to inside spaces where signals may not penetrate. Adjustable controls on each band make it easy to adjust the uplink and downlink gain, while the onboard software and microprocessor automatically prevents the booster from exceeding FCC limits.

The PRO 70 Plus Select also carries the same great features as the Pro 70 Plus, including maximum permitted downlink power, for maximum coverage, and built-in signal strength meter for easy tower location. Wilson Electronics quality and an industry-leading three year warranty make the Pro 70 Plus Select a clear choice for the professional technology integrator.

Specifications

MODEL NUMBER	462127 • 462227 • 462327	
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	12V/3A	
CONNECTORS	N-Female	
BOOSTER DIMENSIONS	8.875 x 6.0 x 1.5 in	
BOOSTER WEIGHT	2.78 lbs	

Detailed Specifications

Pro 70 Plus Select					
Model Number	U462027				
FCC ID	PWO460027				
IC ID	4726A-460027				
Connectors	N-Female				
Antenna Impedance	50 Ohms				
Frequency	698-716 MHz, 746-787 MHz, 824-894 MHz, 1850-1995 MHz, 1710-1755/2110-2155 MHz				
Passband Gain (nominal)	700MHz Band12/17 56.0	700MHz Band13 55.2	800MHz 58.9	1700/2100MHz 60.7	1900MHz 60.7
20 dB Bandwidth (MHz)	700MHz Band12/17	700MHz Band13	800MHz	1700/2100MHz	1900MHz
Typical	29.9	28.6	38.7	82.6	81.8
Maximum	34.4	34.4	40.3	85.0	85.9
Power output for single cell phone (Uplink) dBm	700MHz Band12/17	700MHz Band13	800MHz	1700MHz	1900MHz
	20.4	20.82	25.16	23.0	21.42
Power output for single cell phone (Downlink) dBm	700MHz Band12/17	700MHz Band13	800MHz	2100MHz	1900MHz
	11.57	10.41	9.4	11.3	9.47
Power output for multiple received channels (Uplink) dBm	700MHz Band12/17	700MHz Band13	800MHz	1700MHz	1900MHz
No. Tones					
2	18.0	17.6	24.9	20.0	18.6
3	14.5	14.0	21.4	16.4	15.1
4	12.0	11.5	18.9	13.9	12.6
5	10.0	9.6	16.9	12.0	10.7
6	8.4	8.0	15.3	10.4	9.1
Power output for multiple received channels (Downlink) dBm	700MHz Band12/17	700MHz Band13	800MHz	2100MHz	1900MHz
No. Tones					
2	9.50	7.60	10.00	11.70	9.10
3	6.00	4.10	6.50	8.20	5.60
4	3.50	1.60	4.00	5.70	3.10
5	1.60	-0.40	2.00	3.80	1.10
6	0.00	-1.90	0.40	2.20	-0.40
Noise Figure	5 dB nominal				
Isolation	> 90 dB				
Power Requirements	110-240 V AC, 50-60 Hz, 20 W				

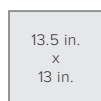
Each Signal Booster is individually tested and factory set to ensure FCC compliance. The Signal Booster cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Booster will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized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

Package Dimensions

13.5 L x 13 H x 19.5 W



FRONT



SIDE

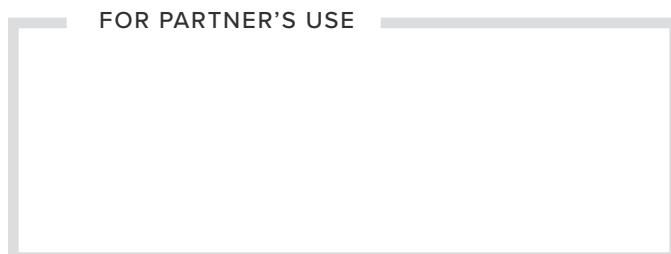


TOP/BOTTOM



WEIGHT

MASTER CARTON: 28 L x 14 W x 20 H | 38 lbs.



462127_70PlusSelect_SS_Rev03_092517

Support



3 Year Warranty from Purchase.

Website: <http://support.weboost.com>

Phone: +1 866 294 1660

Monday to Saturday

UPC



PRO 70 PLUS SELECT (50 OHM) DIRECTIONAL/DOME KIT



PRO 70 PLUS SELECT (50 OHM) OMNI/DOME KIT



Additional Product Kits

Pro 70 Plus Select (50 OHM) Directional/Dome Kit 462227

- 1 Pro 70 Plus Select (50 OHM)
- 1 Wide Band Directional Antenna
- 1 4G Dome Ceiling Antenna
- 1 Lightning Surge Protector
- 1 2ft Low-Loss Wilson400 Cable
- 1 60ft Low-Loss Wilson400 Cable
- 1 75ft Low-Loss Wilson400 Cable
- 1 120v AC Power Supply

Pro 70 Plus Select (50 OHM) Omni/Dome Kit 462327

- 1 Pro 70 Plus Select (50 OHM)
- 1 4G Omni Building Antenna
- 1 4G Dome Ceiling Antenna
- 1 Lightning Surge Protector
- 1 2ft Low-Loss Wilson400 Cable
- 1 60ft Low-Loss Wilson400 Cable
- 1 75ft Low-Loss Wilson400 Cable
- 1 120v AC Power Supply

Antenna Expansion Kits

Single Antenna Expansion Kit

309906-50N

- 1 Wall Mount Panel Antenna
- 1 50 Ohm 2-Way Splitter
- 1 2ft. Wilson400 Cable
- 1 60ft. Wilson400 Cable

Double Antenna Expansion Kit

309907-50N

- 2 Wall Mount Panel Antenna
- 1 50 Ohm 3-Way Splitter
- 1 2ft. Wilson400 Cable
- 2 60ft. Wilson400 Cable

Triple Antenna Expansion Kit

309908-50N

- 3 Wall Mount Panel Antenna
- 1 50 Ohm 4-Way Splitter
- 1 2ft. Wilson400 Cable
- 3 60ft. Wilson400 Cable