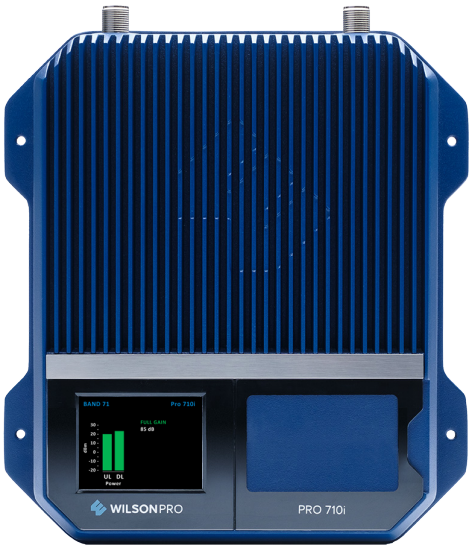
WILSONPRO™

Pro 710i

SKU: 460064

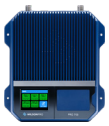


FEATURES

- Band 71 (single band) cellular signal amplifier
- Certified under FCC “Industrial” amplifier rules
- Approval is required by applicable “Band 71” carrier
- Covers up to 100k ft^2 with strong outside signal
- Installs ‘stand-alone’ or in parallel with an existing WilsonPro system
- Shares the same consistent WilsonPro ”look and feel”
- Amp and power supply only; not a kit purchase
- Pro 710i is also compatible with 4G / LTE signal
- Available with 50 Ohm N-type connectors only
- **Pro 710i can be added to any existing WilsonPro system**

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

Kit Includes



Pro 710i Amplifier

AC/DC 12V/3A Power Supply (850023)

About

Introducing the **WilsonPro Pro 710i**, the first-ever, 5G-specific commercial-grade cellular signal amplifier available for under $1500. It’s engineered exclusively to enhance Band 71;* a 600MHz low-frequency spectrum of 5G, made available nationwide by T-Mobile in over 1,200 cities and rural areas. Sold as amplifier and power supply only, the Pro 710i is an ideal upsell opportunity for those with existing WilsonPro amplification systems in need of added 5G network support.

The Pro 710i is capable of providing up to 100,000 sq. ft.** of enhanced 5G signal coverage as well as 4G/LTE network speeds. Available only with 50 Ohm N-type connectors.

*Requires approval by applicable Band 71 carrier.

**Depending on outside signal conditions.

Specifications

MODEL NUMBER	460064*
FREQUENCIES	Band 71 600 MHz
MAX GAIN	90 dB
MAX UPLINK POWER	25 dBm
MAX DOWNLINK POWER	25 dBm
IMPEDANCE	50 Ohms
POWER	110 - 240 V AC, 50 - 60 Hz, 30 W
CONNECTORS	N-Female
AMPLIFIER DIMENSIONS	10.37 x 9.06 x 3 in
AMPLIFIER WEIGHT	6.375 lbs

WILSONPRO™

Detailed Specifications

	Pro 710i
SKU	460064
Model Number	460064
FCC ID	PWO460064
IC ID	4726A-460064
Connectors	N-Female
Antenna Impedance	50 Ohms
Max Gain	90 dB
Frequency	617-652 MHz, 663-698 MHz
Power output for single cell phone (Uplink) dBm	**600MHz Band71** 24.2
Power output for single cell phone (Downlink) dBm	**600MHz Band71** 24.5
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

Compatible Antennas

This radio transmitter has been approved by the FCC and Innovation, Science and Economic Development (ISED) Canada to operate with the maximum permissible antenna gain below. Antenna that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

	BAND 71
Outside antenna maximum permissible antenna gain (dBi) 50Ω	6.5
Inside antenna maximum permissible antenna gain (dBi) 50Ω	6.0

INSIDE ANTENNAS

PN #	Antenna Type	Band 71 Support			Result
		Good	Ok	Poor	
311234	Panel Antenna with Band 71 Support	✓			Supports Band 71
314406	4G Low-Profile Dome Antenna w/ Reflector	✓			Supports Band 71
314407	4G Low-Profile Dome Antenna	✓			Supports Band 71
311135	Indoor Wall Mount Antenna			✓	Poor VSWR and efficiency on Band 71
304412	Wilson Ceiling Mount Dome Antenna		✓		Supports Band 71, but at reduced efficiency

OUTSIDE ANTENNAS

PN #	Antenna Type	Band 71 Support			Result
		Good	Ok	Poor	
311233	Wide Band Directional Antenna with Band 71 Support	✓			Supports Band 71
311228	High Gain LPDA Antenna			✓	Poor VSWR and efficiency on Band 71
304422	4G Omni Plus Building Antenna		✓		Supports Band 71, but at reduced efficiency
304424	4G Omni Building Antenna		✓		Supports Band 71, but at reduced efficiency
314411	Wilson Wideband Directional Antenna 50 Ohm			✓	Poor VSWR and efficiency on Band 71

NOTE: all of the antennas listed above support bands 4,5,12,13, & 25/2. For additional, detailed information, please refer to the product data sheet at **www.wilsonpro.com**.

Support

3 Year Warranty from Purchase

UPC

PRO 710i - 460064

8 10005 96211 7

PowerfulSignal®
Stronger Signal Solutions