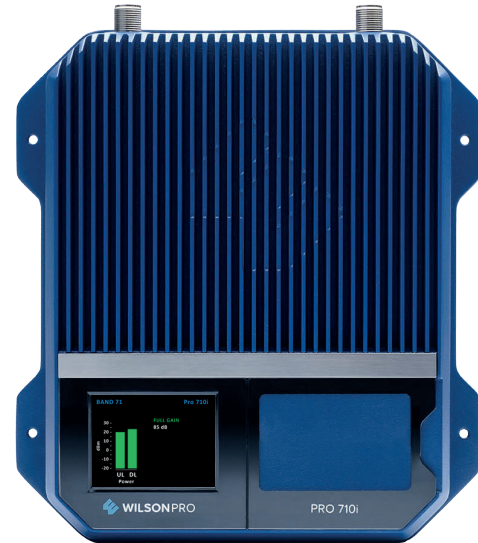


Pro 710i

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 ft2 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



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 \$1200. 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 Ohm	
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	

⚠️ WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Detailed Specifications

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 (Uplink) dBm	600 MHz Band 71 24.2
POWER OUTPUT (Downlink) dBm (4 Ports)	600 MHz Band 71 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 Amplifier is individually tested and factory set to ensure FCC compliance. The Signal Amplifier cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Amplifier will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized frequency bands only. If the Signal Amplifier 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 Amplifier detects an oscillation, the Signal Amplifier will automatically turn the power off on that band. For a detected oscillation the Signal Amplifier 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 Amplifier has been manually restarted by momentarily removing power from the Signal Amplifier. Noise power, gain, and linearity are maintained by the Signal Amplifier's microprocessor.

The Manufacturer's rated output power of this equipment is for single carrier operation. For situations when multiple carrier signals are present, the rating would have to be reduced by 3.5 dB, especially where the output signal is re-radiated and can cause interference to adjacent band users. This power reduction is to be by means of input power or gain reduction and not by an attenuator at the output of the device.

ASSEMBLED IN THE USA

ISED

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.

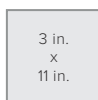
For additional, detailed information, please refer to the product data sheet at www.wilsonpro.com.

Package Dimensions

14 L x 11 H x 3 W



FRONT



SIDE



TOP/BOTTOM



WEIGHT

Support



3 YEAR WARRANTY FROM PURCHASE

US Web: wilsonconnectivity.com

US Phone: +1 800 871 1612

INTL Phone: +44 1223 982031

FOR PARTNER'S USE

UPC

PRO 710i - 460064

