Enterprise 4300

SKU: 460152

FEATURES

- Three outdoor antenna ports to target multiple carrier towers.
- Four independently controlled indoor antenna ports built in.
- Wired or LTE WilsonPro Cloud access for remote functionality.
- Network Scanning for real-time measurements of cell signal.
- Up to 26 dBm in uplink power.
- 17 dBm in downlink power per port.
- XDR technology to virtually eliminate shutdown or signal loss.
- 4.3-inch LCD touchscreen for an enhanced user-experience.
- Works with ALL phones and cellular devices on ALL carriers.

RACK MOUNT OPTION:

Enterprise 4300R

Standard Kit Includes

Enterprise 4300 or Enterprise 4300R Amplifier	Outside Directional Antenna (314411)	Inside Dome Antenna x4 (304412)	Lightning Surge Protector (859902)	2 ft. Wilson400 Cable (952402)	100ft Low-Loss Wilson400 Cable x5 (952300)

About

The WllsonPro **Enterprise 4300/4300R** is a commercial-grade, in-building cellular amplifier that represents the latest in cell signal boosting technology—including a revolutionary industry-first, three outdoor-antenna-port configuration. Depending on cell tower locations, using up to three outdoor antennas (each dedicated to a specific frequency band to collectively amplify signals from multiple towers) helps maximize coverage in commercial spaces up to 100,000 sq.ft.*

Based on user need or preference, the Enterprise 4300/4300R can also utilize "common mode" as a default; using only a single outdoor (donor) antenna and a single port to receive cell signal.

With wired or LTE access (using the built-in cellular modem) to the WilsonPro Cloud for remote functionality, the Enterprise 4300/4300R provides integrators and building managers with the capability to remotely manage, monitor, and adjust their amplifier, as well as receive real-time measurements of cell signal power, bands, frequency, and quality through network scanning. Immediate notification of issues, such as system failure, oscillation, or change in signal strength is also provided via text or email.

The Enterprise 4300/4300R generates up to 26 dBm in uplink power—enabling it to reach towers at much greater distances. With up to 17 dBm in downlink power per port, it's also one of the most powerful amplifiers in its price range. With all four indoor-antenna ports equipped with up to 17 dBm downlink power of their own, each of the Enterprise 4300/4300R's four indoor antennas can effectively broadcast signal. The "R" model name signifies its rack-mount option.

This amplifier includes a 3-year manufacturer's warranty and a 30-day money-back guarantee.

*Depending on outside signal conditions.

Specifications

SKU	460152* • 460252* • 460352* • 460452* 460153* • 460253* • 460353* • 460453*	
FREQUENCIES	Band 12/17	700 MHz
	Band 13	700 MHz
	Band 5	850 MHz
	Band 4	1700/2100 MHz
	Band 25	1900 MHz
MAX GAIN	70 dB	
MAX UPLINK POWER	26 dBm	
MAX DOWNLINK POWER	17 dBm	
IMPEDANCE	50 Ohm	
POWER	120 V AC, 60 Hz, 60 W	
CONNECTORS	N-Female	
AMPLIFIER DIMENSIONS	19 x 12 x 2.5 • 17.5 x 12 x 3.75 in	
AMPLIFIER WEIGHT	16.930 lbs • 9.860 lbs	

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

Detailed Specifications

	4300 / 4300R				
SKU	460152 / 460153				
Model Number	460052 / 460053				
FCC ID	PWO460052 / PWO460053				
IC ID	4726A-460052 / 4726A-460053				
Connectors	N-Connectors				
Antenna Impedance	50 Ohms				
Frequency	698-716 MHz, 729-746 MHz, 777-787 MHz, 824-894 MHz, 1850-1990 MHz, 1710-1755/2110-2155 MHz				
Power output for single cell phone (Uplink) dBm	**700MHz Band12/17**	**700MHz Band13**	**800MHz**	**1700MHz**	**1900MHz**
	22.9	23.1	24.6	22.8	25.5
Power output for single cell phone (Downlink) dBm	**700MHz Band12/17**	**700MHz Band13**	**800MHz**	**2100MHz**	**1900MHz**
	16.9	16.7	16.8	16.6	16.6
Noise Figure	5 dB nominal				
Isolation	> 90 dB				
Power Requirements	120V AC 0.5A				

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.

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.

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Kit Variations

Note: Custom kits do not include antennas, lightning surge protectors, etc. Custom kits only include the amplifier, a power cord, and the noted spool of cable.

ENTERPRISE 4300

SKU	460152 - STANDARD KIT	460252 - CUSTOM KIT	460352 - CUSTOM KIT	460452 - CUSTOM KIT
KIT CONTENTS	2' & 100' (qty: 5) sections of connectorized Willson400 cable	500' Wilson400 Spool	1000' Wilson400 Spool	500' Wilson Plenum Spool
PKG 1 of 2 L/W/H/WEIGHT	28" / 19" / 21" / 65.06 lbs SHIPS IN ONE BOX	19" / 12" / 2.5" / 21.75 lbs	19" / 12" / 2.5" / 21.75 lbs	19" / 12" / 2.5" / 21.75 lbs
PKG 2 of 2 L/W/H/WEIGHT		14.5" / 15.5" / 9" / 36.86 lbs	17" / 17" / 15" / 72 lbs	14.25" / 14.25" / 13" / 53 lbs
	8 11815 02989 2	8 10005 96109 7	8 10005 96110 3	8 10005 96111 0

ENTERPRISE 4300R

SKU	460153 - STANDARD KIT	460253 - CUSTOM KIT	460353 - CUSTOM KIT	460453 - CUSTOM KIT
KIT CONTENTS	2' & 100' (qty: 5) sections of connectorized Willson400 cable	500' Wilson400 Spool	1000' Wilson400 Spool	500' Wilson Plenum Spool
PKG 1 of 2 L/W/H/WEIGHT	28.75 / 19 / 20.5 / 57.6 lbs SHIPS IN ONE BOX	17.5" / 12" / 3.75" / 15.3 lbs	17.5" / 12" / 3.75" / 15.3 lbs	17.5" / 12" / 3.75" / 15.3 lbs
PKG 2 of 2 L/W/H/WEIGHT		14.5" / 15.5" / 9" / 36.86 lbs	17" / 17" / 15" / 72 lbs	14.25" / 14.25" / 13" / 53 lbs
	8 11815 02990 8	8 10005 96112 7	8 10005 96113 4	8 10005 96114 1

Support

FOR PARTNER'S USE

✓ **3 Year Warranty from Purchase**

Website: www.wilsonpro.com/support

Phone: +1 866 294 1660
Monday to Saturday