

Wilson® Cellular Amplifier

TEST RESULTS

Tests¹ Show that the Wilson® SOHO Small Office/Home Office Dual-Band Amplifier Has **6 Times More Power Output¹** than the Wi-Ex™ In-Building Amplifier

Wilson® SOHO Amplifier - “The Amplifier That Works!”



**Wilson Cellular
SOHO (small office/home office) In-Building
Cellular/PCS Amplifier #801245 REV A4**

Wilson's Amplifier:

- Features six times **more** power output¹ than Wi-Ex™
- Has 9dB or **more** receive sensitivity than Wi-Ex™
- You can receive a call up to 3 times **farther** than with Wi-Ex™³
- Oscillation detection and shutdown with auto reset
- Overload protection circuit protects cell system from overload

Wi-Ex™ In-Building Amplifier - “Less Power¹ than a Cell phone!”



**Wi-Ex™ In-Building
Cellular/PCS Amplifier
PN: YX510-PCS-CEL**

Wi-Ex's Amplifier:

- Has less than 1/6 the power output¹ of Wilson's #801245 REV A4
- Tests show Wi-Ex™ cell phone extenders have less power than a cell phone
- Failed TIA/EIA-98-E power output requirements² for cell phones (weaker than a cell phone)
- Wi-Ex™ has 7 times less receive sensitivity than Wilson's #801245 REV A4
- A cell phone connected to just an outside antenna outperforms the Wi-Ex™ system

¹ TIA/EIA-98-E Test 4.4.5 max CDMA RF output power (Agilent 8924 test set with 83236 PCS interface)

² TIA/EIA-98-E Requires at least +23dBm

³ A free space model, line of site, was used for the distance calculations.

 **Wilson Electronics™**

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