

# Increase Your Cell Phone Signal in Your Home or Office with Wi-Ex



Designed for consumers, the **zBoost cell phone signal booster** extends a zBoost Cell Zone for single or multiple users in homes or offices. **Comes in three models - one for PCS phones, one for CELLULAR phones and one Dual-Band – that covers all phones except Nextel.** Package includes everything you need -- amplifier base unit, power supply, base unit antenna, low-loss SATV coaxial cable (RG6), signal antenna and mounting hardware. The omni-directional antennas are easy to orient and receive from multiple cell towers.

Benefits include:

- zBoost YX500- PCS model significantly improves all 6 PCS sub-bands
- zBoost YX500-CEL model significantly improves both Cellular sub-bands
- zBoost Dual-band model improves all 6 PCS sub-bands and both Cellular sub-bands
- Increases your indoor cell signal coverage – up to 3000 sq feet (Multiply this with optional upgrades)
- Decreases dropped or missed calls
- Easy to install – comes complete
- Staying wireless - no cradle or connections to your phone
- Extends phone battery life (uses less power when signal is stronger)
- Works with most phones and carriers (maintains network integrity)
- Manufactured in the USA with the highest quality control – (individually calibrated)



*Zboost base unit*

## **zBoost DUAL BAND PRODUCT SPECIFICATIONS**

### **At 1900MHz (PCS)**

	Uplink	Downlink
Frequency	1850-1910MHz	1930-1990MHz
PCS Bands	ALL: A,D,B,E,F & C	
Network Format	CDMA, GSM, TDMA, GPRS, EDGE, 1xRTT, EVDO	
System Gain	55dB	78dB
Composite Output Power Limit - EIRP	24dBm	13dBm
Signal Delay	140ns	130ns
Antenna - Signal	5dBi Colinear; F-type female	
Antenna – Base Unit	2dBi ½ wave dipole; TNC male	
Cable Loss	6dB (50 feet of 75ohm, 3000MHz RG-6)	

### **At 800 MHz ( CEL)**

	Uplink	Downlink
Frequency	824-849MHz	869-894MHz
PCS Bands	ALL: a&b	
Network Format	CDMA, GSM, TDMA, AMPS, GPRS, EDGE, 1xRTT, EVDO	
System Gain	54dB	67dB
Composite Output Power Limit - EIRP	26dBm	10dBm
Noise Figure	5dB	5dB
Antenna - Signal	3dBi Colinear; F-type female	
Antenna – Base Unit	2dBi ½ wave dipole; TNC male	
Cable Loss	6dB (50 feet of 75ohm, 3000MHz RG-6)	

### **Both –CEL and PCS**

Base Unit RF connectors	F-type female and TNC female
Wall Supply Input	100-200VAC 60Hz
Power Consumption	2W standby, 5.5W max signal
System Certifications	UL, FCC Parts 15 & 24 (PCS), FCC Parts 15 & 22 (CEL), Industry Canada
Base Unit size and weight:	5" x 7" x 2" - 12 oz.
Operating Conditions	Indoors Use Only 5 <sup>o</sup> to 40 <sup>o</sup> C (40 to 105°F)
Coverage (open areas)	4-5 signal bars at roof antenna; 60' diameter at 3-4 bars inside; over 3,000 sq. ft circle

Handles all PCS or CEL protocols and includes multiple patent pending technologies to provide low-cost coverage while continually adapting to signals to prevent interference and remain transparent to the wireless network. Provides an indicator if the antennae are positioned improperly, but will NOT suffer damage or interfere with the Carrier Network.