



By



zBoost® CI YX645 Designed For Professional Installers

A revolutionary **cell phone signal booster** for demanding professional coverage applications, the zBoost designed YX645, for custom installers, is a Bi-Directional Amplifier (BDA) System which captures and amplifies the cell signal to extend a Cell Zone™ up to 12,000 square feet. The YX645 is designed for the professional installer and is available for the 800 MHz Cellular, the 1900 MHz PCS band or Dual Band (both 800 MHz and 1900 MHz bands).

Benefits include:

- **zBoost YX645-PCS-CEL(shown) model improves all 6 PCS sub-bands and both Cellular sub-bands**
- Increases your indoor cell signal coverage – **up to 12,000 sq feet**
- Decreases dropped or missed calls
- Extends phone battery life (uses less power when signal is stronger)
- Works with all phones and U.S. carriers (except Nextel)
- Maintains network integrity using patent-pending technologies
- Manufactured with the highest quality control – (individually-calibrated)



The zBoost CI YX645 includes the amplifier base unit, power supply, high gain signal and base unit antennas, signal combiner and mounting hardware. Additional professional accessories are available.

PRODUCT SPECIFICATIONS

PCS Frequency

Frequency	1850-1990 MHz
PCS Bands	ALL: A,D,B,E,F & C
Network Format	CDMA, GSM, TDMA, AMPS, GPRS, EDGE, EV-DO, HSPA, 3G
System Gain	75 dB
Composite Output Power Limit - EIRP	30 dBm
Antenna Signal	13 dBi Panel; F-type female
Antenna – Base Unit	9 dBi Patch; TNC male
Cable Loss	3000 MHz RG-6, approximately 1 dB/10 ft.

CEL Frequency

Frequency	824-894 MHz
PCS Bands	ALL: A, B, A' and B'
Network Format	CDMA, GSM, TDMA, AMPS, GPRS, EDGE, EV-DO, HSPA, 3G
System Gain	70 Db
Composite Output Power Limit - EIRP	30 dBm
Antenna Signal	8 dBi Panel; F-type female
Antenna – Base Unit	6 dBi Panel; TNC male
Cable Loss	3000 MHz RG-6, approximately 0.6 dB/10 ft.

Both PCS and CEL Frequencies

Base Unit RF connectors	F-type female and TNC female
Wall Supply Input	100-120 VAC 60Hz, 240 VAC also available
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 1.375" - 12 oz.
Base Unit and Power Supply	Indoors Use Only, 5° to 40°C (40 to 105 °F)
Coverage (open areas)	4-5 signal bars at roof antenna; 120' radius at 90° width; 3-4 bars inside; over 12,000 sq. ft

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 antennas are positioned improperly, but will NOT suffer damage or interfere with the Carrier Network.