

zBoost Dual Band ProPack Designed For Professional Installers



A revolutionary **cell phone signal booster** for demanding professional coverage applications, the zBoost YX610 ProPack is a dual band Bi-Directional Amplifier (BDA) System which captures and amplifies the cell signal to extend a cell zone in larger environments up to 10,000 square feet. The YX610 ProPack is designed for the professional installer and provides improved indoor coverage for all major cell phones (except Nextel) operating in the 800 MHz Cellular and 1900 PCS bands.

zBoost benefits include:

- YX610-PCS-CEL improves all six PCS sub-bands and both Cellular sub-bands
- Increases your indoor cell signal coverage – **up to 10,000 sq ft**
- Decreases dropped or missed calls
- Stay 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)



YX610 shown with dual band antennas

The YX610 dual band ProPack includes the amplifier base unit, power supply, high gain signal (outdoor) and base unit (indoor) antennas, and mounting hardware. Additional professional accessories are available.

zBOOST YX610-PCS-CEL SYSTEM SPECIFICATIONS (based on 50 foot cable length of RG-6)

<u>PCS Band</u>	<u>Downlink</u>	<u>Uplink</u>
Frequency	1930-1990 MHz	1850-1910 MHz
PCS Bands	ALL: A,D,B,E,F & C	
Network Format	CDMA, GSM, TDMA, GPRS, EDGE, 1xRTT, EV-DO, HSDPA, UMTS	
System Gain	77 dB	67 dB
Composite Output Power Limit - EIRP	12 dBm	18 dBm
Noise Figure	5 dB	5 dB
Third Order Intercept	34 dBm	50 dBm
Signal Delay	150 ns	160 ns
Antenna Signal	13 dBi Panel; F-type female	
Antenna – Base Unit	9 dBi Panel; TNC male	
Cable Loss	3000 MHz RG-6, approximately 1 dB/10 ft.	
<u>Cellular Band</u>	<u>Downlink</u>	<u>Uplink</u>
Frequency	869-894 MHz	824-849 MHz
PCS Bands	ALL: A, B, A' and B'	
Network Format	CDMA, GSM, TDMA, AMPS, GPRS, EDGE, 1xRTT, EV-DO, HSDPA, UMTS	
System Gain	72 dB	62 dB
Composite Output Power Limit - EIRP	9 dBm	14 dBm
Noise Figure	5 dB	5 dB
Third Order Intercept	33 dBm	43 dBm
Signal Delay	230 ns	250 ns
Antenna Signal	7 dBi Yagi; F-type female	
Antenna – Base Unit	6 dBi Panel; TNC male	
Cable Loss	3000 MHz RG-6, approximately 0.6 dB/10 ft.	
<u>General Specifications</u>		
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 2", 12 oz.	
Base Unit and Power Supply	Indoors Use Only 5° to 40°C (40 to 105°F)	
Coverage (open areas)	With 4-5 signal bars at roof antenna, system will provide 3-4 bars inside over 10,000 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.

UPC Code

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