



# Extend Cell Phone Signal Indoors with zBoost® for the Home or Office

Designed for consumers, the **zBoost YX500/510 series** boosts indoor signal for all phones (except Nextel phones) and all US carriers. zBoost for the Home or Office extends an indoor Cell Zone™ up to 2500 sq ft and is available in three kit-complete models:

- **zBoost YX500-CEL** boosts 800 MHz phones
- **zBoost YX500-PCS** boosts 1900 MHz phones
- **zBoost YX510-Dual Band** boost both signal for both 800 and 1900 MHz phones

The 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 signal antenna receives signals from multiple cell towers.

## Benefits include:

- Increases your indoor signal coverage – up to 2500 sq feet (More coverage with optional upgrades)
- Decreases dropped or missed calls
- Easy to set up – comes complete with everything needed
- No cradle or connections to your phone
- Extends phone battery life (uses less power when signal is stronger)
- Works with all phones and wireless data cards (except Nextel)
- Works with all US carriers
- Protects the carrier network using patent-pending technology



### Product Specifications:

#### zBoost for the Home and Office – Product Specifications: YX500-CEL, YX500-PCS, YX510-Dual Band

##### At 1900 MHz (PCS)

	Uplink	Downlink
Frequency	1850 – 1910 MHz	1930 – 1990 MHz
PCS Bands	ALL: A,D,B,E,F & C	
Network Format	CDMA, GSM, TDMA, GPRS, EDGE, 1xRTT, EVDO, HSDPA	
System Gain	50dB	58dB
Composite Output Pwr Limit - EIRP	+24 dBm	+13 dBm
Antenna - Signal	3.5dBi Colinear; F-type female	
Antenna – Base Unit	0dBi whip; TNC male	
Cable Loss	3.5dB (50 feet of 75Ω, 3000 MHz RG-6)	

##### At 800 MHz (CEL)

	Uplink	Downlink
Frequency	824-849MHz	869-894MHz
CEL Bands	ALL: A, B, A' & B'	
Network Format	CDMA, GSM, TDMA, AMPS, GPRS, EDGE, 1xRTT, EVDO, HSDPA	
System Gain	50dB	56dB
Composite Output Pwr Limit - EIRP	+26dBm	+10dBm
Antenna - Signal	3dBi Colinear; F-type female	
Antenna – Base Unit	0dBi whip; TNC male	
Cable Loss	3.3dB (50 feet of 75Ω, 3000MHz RG-6)	

##### Both CEL and PCS

Base Unit RF connectors	F-type female and TNC female
Wall Supply Input	100-240VAC 50- 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° to 40°C (40 to 105°F)
Coverage (open areas)	4-5 signal bars at roof antenna; 60' diameter at 3-4 bars inside; over 2500 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.