

CrunchGear

Wi-Ex zBoost SOHO YX545 Sneaking Onto Shelves

by John Biggs on September 21, 2010



If you have bad reception at home (who doesn't these days, amirite?) you could do worse than look into a [Wi-Ex](#) device. These discrete cell phone repeaters take powerful signals from the outside world and snake them down into your deep, dark den or office. We've used a few of these over the years and the company is currently selling on a new model, the YX545, with 60db gain and 2,500 foot coverage area.

The new model costs \$299 and is [available now](#) on Amazon or at [the Repeater Store](#).

Pertinent specs include:

Dual Band: Compatible with all US & Canadian networks (except Nextel)

Wireless – Supports up to 20 users simultaneously with no need to connect to your phone to improve reception.

Improves standard voice calls but also 3G data & internet browsing.

Downlink: 869 – 894 MHz, 1930 – 1990 MHz

Uplink: 824 – 824 MHz, 1850 – 1910 MHz

Max output power (EIRP including antennas): PCS 24dBm uplink, 13dBm downlink, Cellular 26dBm uplink, 10dBm downlink

System Gain (including antennas): PCS 55dB uplink, 78dB downlink, Cellular 54dB uplink, 67dB downlink

Noise figure: 5dB up, 5dB down

Adaptive Gain Control and oscillation prevention

Wall-mount on rear

RF Connectors: F-type female and TNC Female

Operating temperatures: 40° – 105°F