Getting better cellphone coverage with Nelspecs.

A guide to improving in house cell reception by Technical Sales at Nelspecs Ltd.

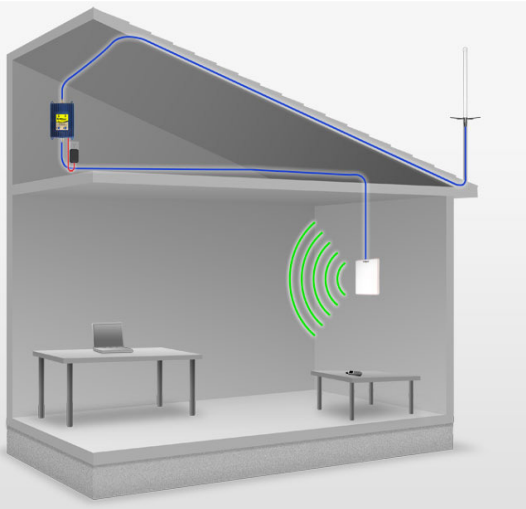
The first step to good coverage with a cell booster system is obtaining a good signal. Directional antennas are very sensitive to the signals they are directed at and reject unwanted signals from other paths.

Because directional antennas produce good levels of wanted signal with low levels of unwanted signal they work well with high gain boosters in poor coverage areas.

Boosters work in two ways:
They amplify very weak signals coming in from an antenna, increasing them to a level where electronic circuitry can work with them.

Wireless boosters further amplify the signal to levels where it can be applied to an internal antenna and radiated into the surrounding room environment.

This allows people with cell phones and other cell-connected systems access to the outside world.



To connect the high gain antenna, (which is usually installed on the roof), with the booster inside, quality low noise, low loss antenna cable is used.

The booster needs power to operate. A 230Vac supply to which a power pack can be attached usually provides this. The boosters are also able run from battery supply by using adapters.

Indoor aerials are positioned for coverage and can either be mounted in ceilings or on walls.