

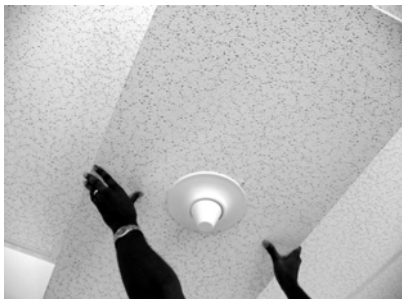
CAE-700 Dual Band Building Repeater Package

For Buildings up to 7,500 Square Feet (12,500sqft with OPT03 kit and 15,000sqft with OPT04)

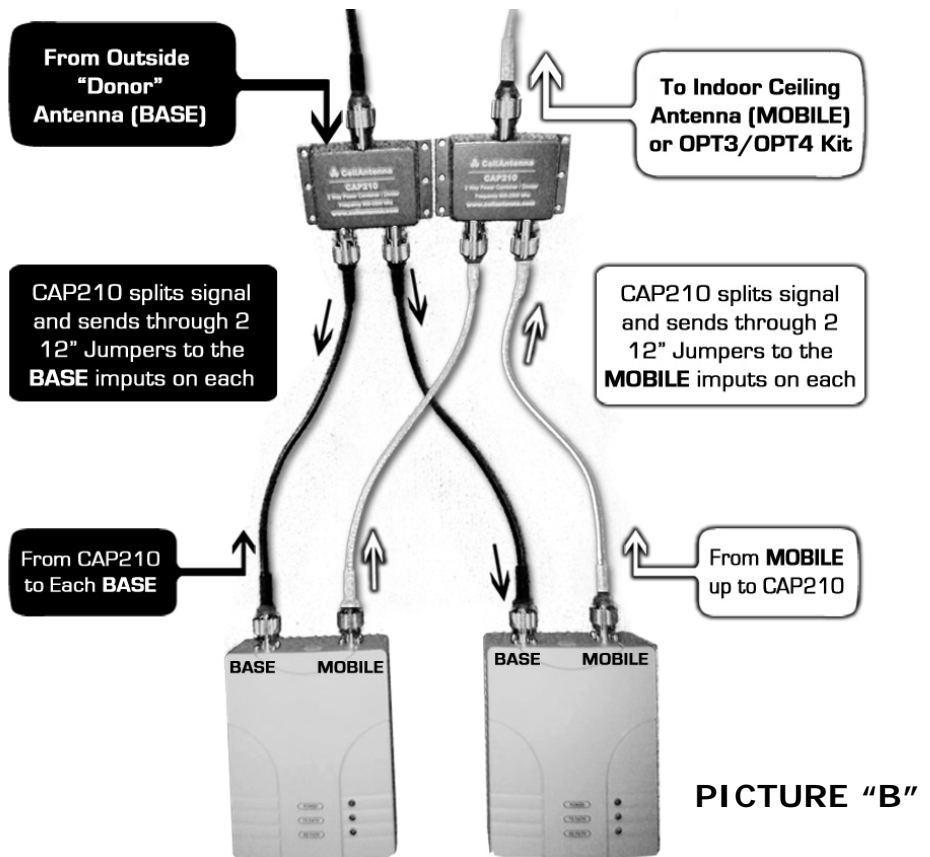
We have come up with a Dual Band system that allows combination of either PCS/Cellular, or PCS/Nextel with one set of antennas and cabling. This system is ideal for smaller applications such as offices, homes, and small factories or warehouses.

Typical Installation Instructions

1. Mount the Dual-Band Fiberglass Antenna on pole located **ON THE ROOF**. The higher it is mounted, the better.
2. Install Amplifiers kit (SEE PICTURE B) on a wall indoors at a cool, dry, convenient location. Make sure 120V outlets are available nearby to plug in power transformers (**IMPORTANT!! Do not power up system yet!**)
3. Run one 50' LMR cable from the rooftop antenna to the CAP210 splitter connection on the **OUTDOOR ANTENNA (BASE)** side. (SEE PICTURE B) Make sure to run the entire length of cable to maximize isolation.
4. Install & mount the Indoor ceiling mount Antenna on the ceiling. Make sure to install the antenna to give enough distance for the other 50' cable (SEE PICTURE B).
5. Run the other 50' LMR cable from the indoor ceiling mount antenna to the other CAP210 splitter connection on the **INDOOR ANTENNA (MOBILE)** SIDE. (SEE PICTURE B) Make sure to run the entire length of cable to maximize isolation.
6. **IMPORTANT!!!** After making sure all connections are tight, then power up amplifiers using the power supplies.
7. Check Indicator lights to make sure each amplifier is functioning.



PICTURE "A"



PICTURE "B"

Using the OPT03 extension kit (not illustrated)

1. After step # 3 in the "**Typical Installation Instructions**", using the **3' LMR** cable, connect the **2 Way Splitter (CAP210)** to the splitter connection on the **INDOOR ANTENNA (MOBILE) SIDE**.
2. Install the 2 Indoor Ceiling Antennas, making sure they are spread apart far enough to minimize feedback issues. *(See Picture B)*
3. Run the two 50' LMR cables from each port of the 2 Way splitter **(CAP210)** to each of the mounted Indoor Ceiling Antennas
4. Make sure all connections are tight, then power up amplifiers.
5. Check indicator lights to make sure each amplifier is functioning.

Using the OPT04 extension kit (not illustrated)

1. After step # 3 in the "**Typical Installation Instructions**", using the **3' LMR** cable, connect the **3 Way Splitter (CAP310)** to the splitter connection on the **INDOOR ANTENNA** Side.
2. Install the 3 Indoor Ceiling Antennas, making sure they are spread apart far enough to minimize feedback issues. *(See Picture B)*
3. Run the three 50' LMR cables from each port of the 3 Way splitter **(CAP310)** to each of the mounted Indoor Ceiling Antennas
4. Make sure all connections are tight, then power up amplifiers.
5. Check indicator lights to make sure each amplifier is functioning.