

**! TIP: Many people use the C5 as a stand alone antenna.**

## **When to use the ClearStream C5 Antenna with a UHF Antenna**

While most local network affiliates broadcast their programming on the UHF frequency band, there are a number of stations that transmit on high-VHF channels 7-13. If you live in an area where both frequency bands are used, you can often use one antenna. Generally, Bowties and ClearStream UHF antennas can receive these high-VHF broadcasts. However, if the signal is weak or the broadcast tower is more than 20 miles from your home, a VHF antenna may be necessary to ensure reception of all local stations. The ClearStream C5 is the appropriate antenna for this situation. The C5 may be combined with your new or existing UHF antenna, however many of our customers report that the C5 successfully brings in consistent UHF reception along with their local VHF channel.

## **Not Sure What Frequency Bands are Used in Your Area?**

To check the transmit frequency of your local stations go to [www.antennapoint.com](http://www.antennapoint.com) and enter your zip code. The virtual channel column represents the channel displayed on the television. The channel column represents the actual transmit frequency. Channels below 14 are VHF; a C5 may be necessary to receive a consistent signal.

## **Combining the C5 and a UHF Antenna**

Instructions for combining the C5 and a UHF antenna (shown with ClearStream 2) follow. Typically, the UHF antenna is mounted at the top of the mast. If the VHF signals are much weaker than the UHF signals, installing the C5 on top will usually work best.

## Combining C5 and UHF Antenna

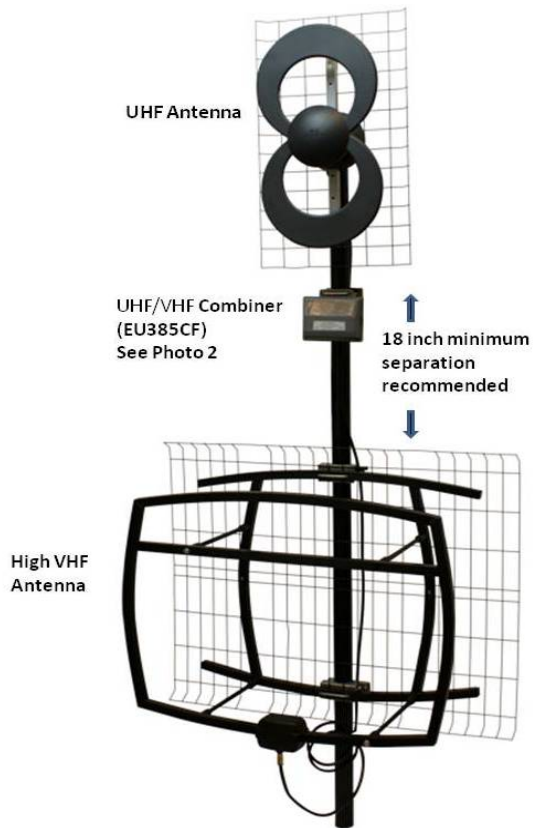


Photo 1

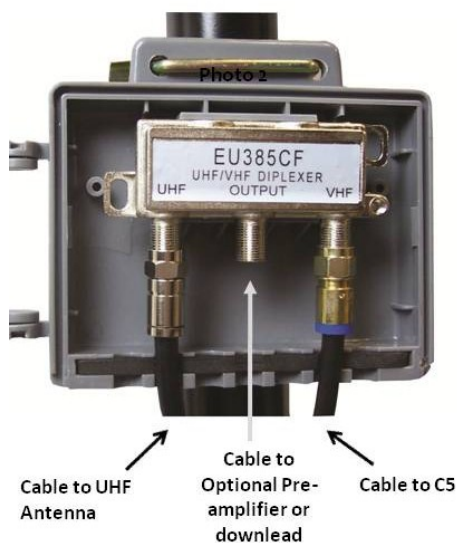


Photo 2

1. Install the antennas on a single mast with a minimum of 18 inches (3 feet is preferred) between the two antennas. (Photo 1)
2. Run a short coaxial cable (not included) from the UHF antenna to the combiner connector labeled UHF. (Photo 2)
3. Repeat step 2, running a cable from the C5 to the VHF connector on the combiner.
4. Connect the cable that will lead into your home to the OUTPUT connection and route to the TV or TV distribution system.
5. Aim the antenna array toward local towers and scan for your channels. Adjust as needed for best reception.

***Be sure to rescan the tuner each time you adjust the antenna.***

Alternate configurations may include using two separate masts, mounting the combiner below the C5, or pointing the two antennas in different directions, if needed.

**Please call our customer /technical service line at 877-825-5572 with any additional questions.**