

Crimping Coaxial Video Connections

A Coaxial Cable is one of the best cabling solutions to run the video cable for each of your CCTV Cameras. This cable is shielded from induction and interference, and will help ensure you maintain the best picture quality even with longer cable runs (300-1000 ft.)

Follow these steps carefully to ensure your cable will work properly.



Required Tools:

RG-6 Crimper Tool

RG-6 Stripper Tool

Note: sometimes the same tool will have both crimper and stripper

First, run the cable through the walls or ceilings from your DVR PC to the mounting location of the cameras. Leave enough slack in the cable to properly strip and crimp the terminals on.



Rule of thumb:

Leave at least 1 foot of slack. The slack can be fed back into the wall after completion of the terminal installation.



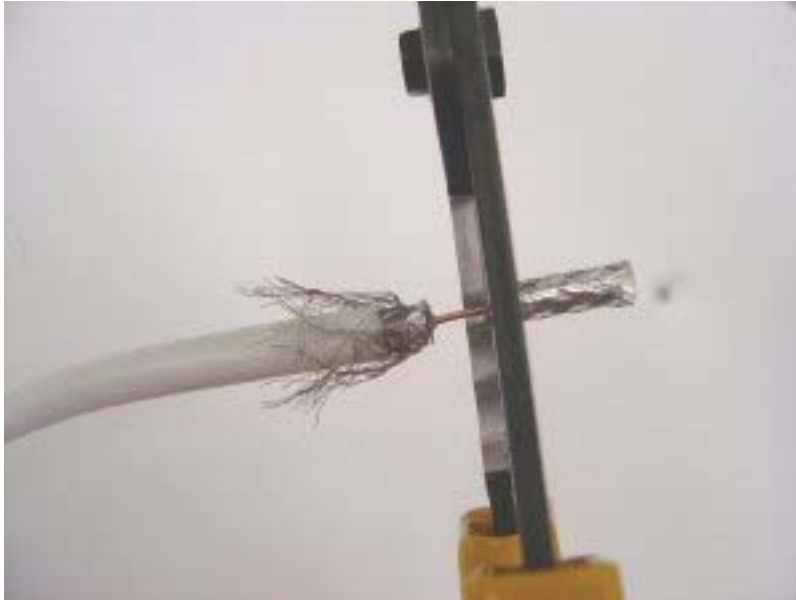
1. Ensure you have slid the cable into the appropriate Section of your stripper tool
2. Rotate the tool around while squeezing together on the handles to cleanly cut the outer insulation



3. Once you have loosened the outer housing, hold the cable and firmly pull the outer insulation off of the cable using the Stripper tool.



4. Unlike Type F Coaxial terminals, at this point you will pull the stranded ground wire away from the inner insulation.



- 5. Now strip the center foil insulation away from the center conductor of the Coaxial cable.**
Note: you will be using a MUCH SMALLER section of the stripper than before

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6. Once you have stripped the center conductor, slip the crimp sleeve over the cable as shown above.



7. Insert center conductor of the coaxial cable into the BNC Terminal, then fold the braided ground wires over top of the conductors.



8. Slide Crimp collar over the grounding strap and prepare for crimping.



9. Now insert the crimp sleeve and BNC terminal into the appropriate section of your crimping tool

10. **Crimp Firmly** – The terminals should hold steadily onto the cable once you have finished crimping.



Your Completed crimp terminal should look like the one shown above

Troubleshooting Video Connections:

If after connecting the video cables, you receive a Blue Screen, poor video connections are generally the cause. Double check each of the connections and check for continuity. Also check the Power-side connections to ensure proper power to the camera.

