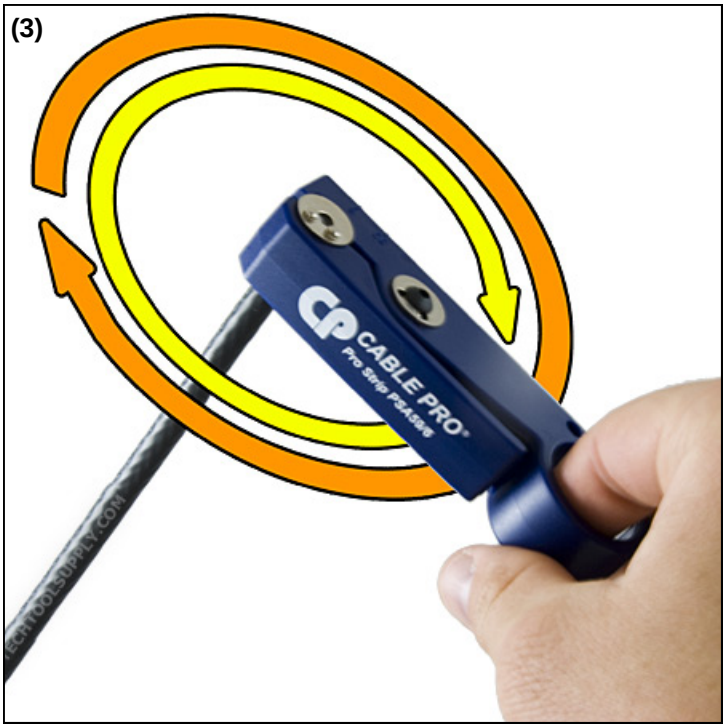
QUAD SHIELD
RG6 COAXIAL CABLE PREP

1. Quad Shield RG6 consists of the outer jacket (normally PVC or Teflon), an outer braid, an outer foil, an inner braid, an inner foil, the dielectric (white material), and finally the center conductor. In order to assure your cable stripper cleanly preps your cable, make sure that your cable was not smashed by your cutters. If your cable was misshaped or smashed when you cut it, reshape the cable with your thumb and fore finger.

(2)

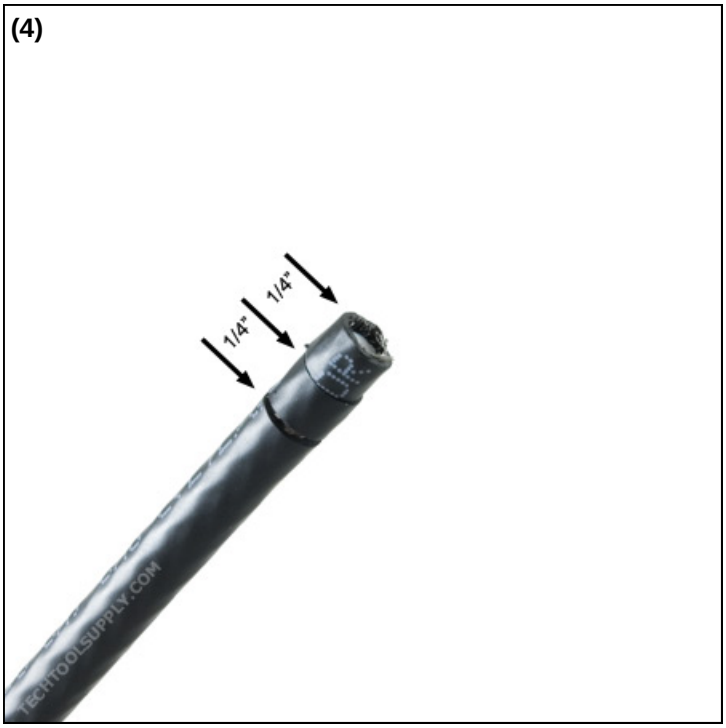
2. Insert your cable into your cable stripper. Every cable stripper is different; the Cable Pro PSA596 stripper pictured above has a built in cable stop so installers know when the cable is properly inserted..

(3)



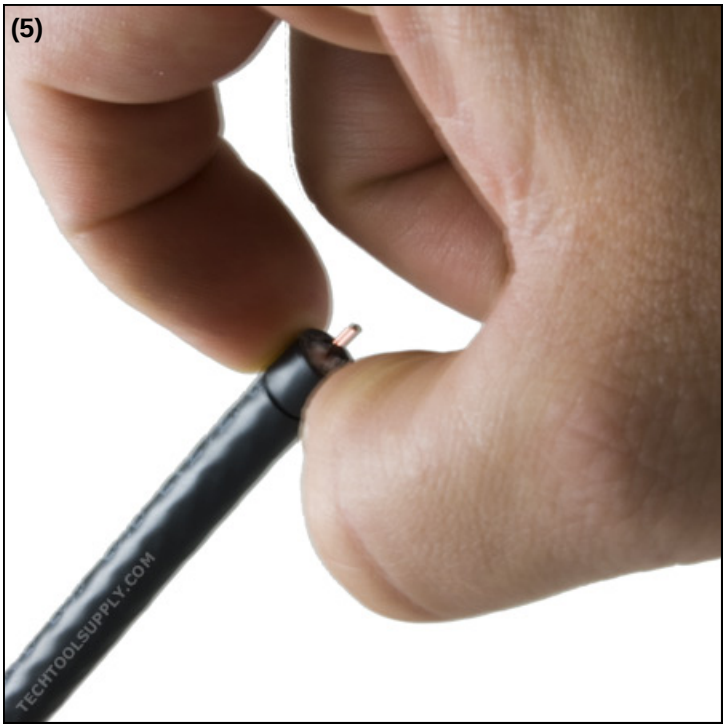
3. In a seamless motion, spin your cable stripper three times clockwise, and then back three times counter-clockwise. Squeeze the tail of your cable stripper and remove the stripper from the cable. We do not recommend using your cable stripper to remove the remnants. We've found that using your fingers to remove the cable remnants doubles the strippers blade life and provides a better connector installation.

(4)



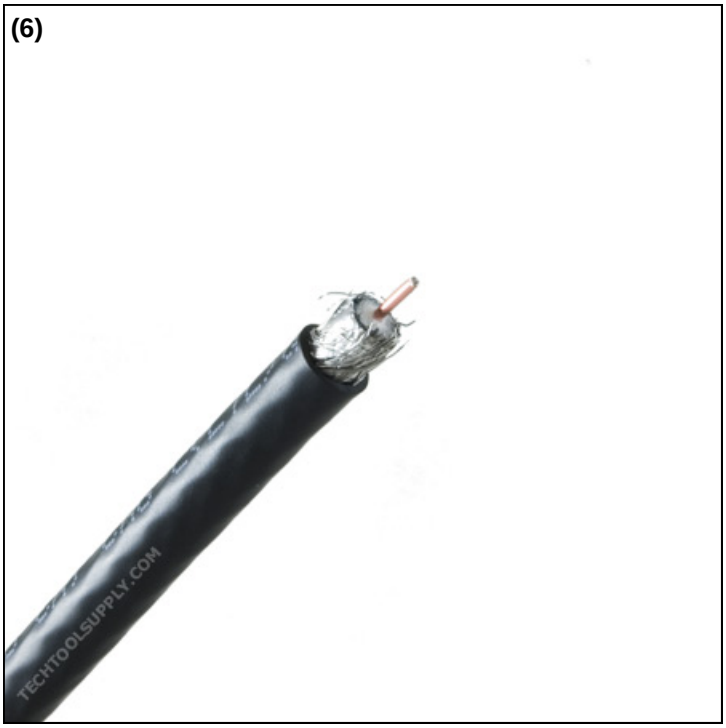
4. After you remove the cable stripper, you should have two different cuts 1/4" apart.

(5)



5. Using your thumb and fore finger, remove the first cable remnant which will reveal the cables center conductor. The second cut only scores the cables outer jacket.. Use your thumb and fore finger, or if necessary your wire cutters to pull this remnant off.

(6)



6. Your cable should resemble the cable pictured above. Notice how the outer braid in the picture above is undisturbed. If your cable stripper mangles or cuts the outer braid when stripping, you may need to adjust your stripper blades.

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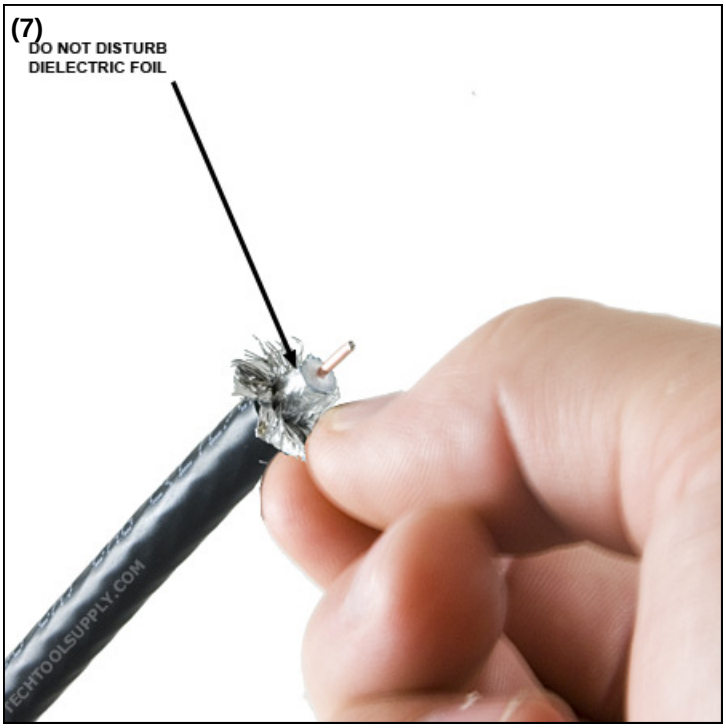

7. Now you will be folding the cables first three layers of shielding back out of the way. The best way to fold back the multiple layers of shielding is with your finger tips or a small flat tool. Careful not to push too hard with your fingertips; the cables braid can prick your finger tips.

DO NOT peel back the inner foil that is bonded to the dielectric. This foil must remain wrapped around the dielectric (white material) for a proper connector installation.

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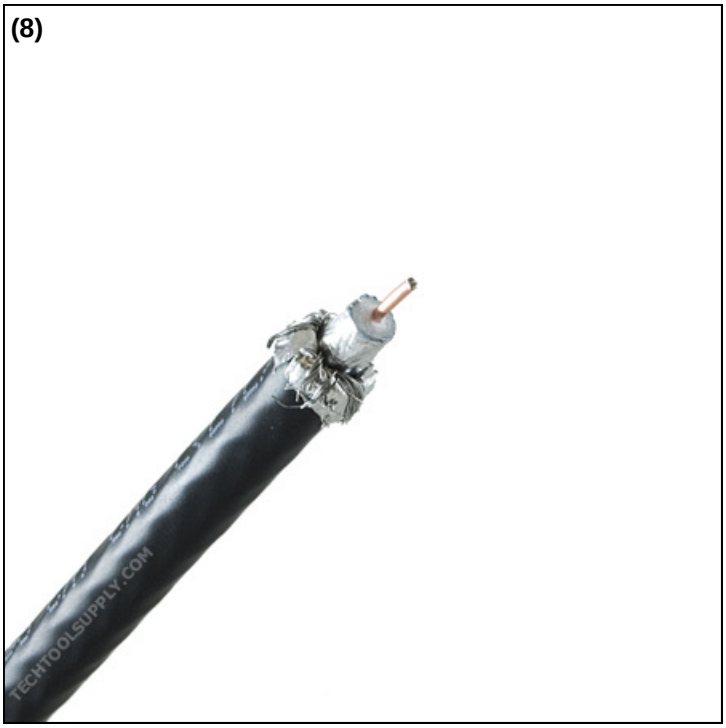

8. After you have finished step 7, your cable should closely resemble the prepped cable pictured above.

NOTE: Always closely check the center conductor and make sure there is not any braid wrapped around it. This small step will save you hours of troubleshooting a short.

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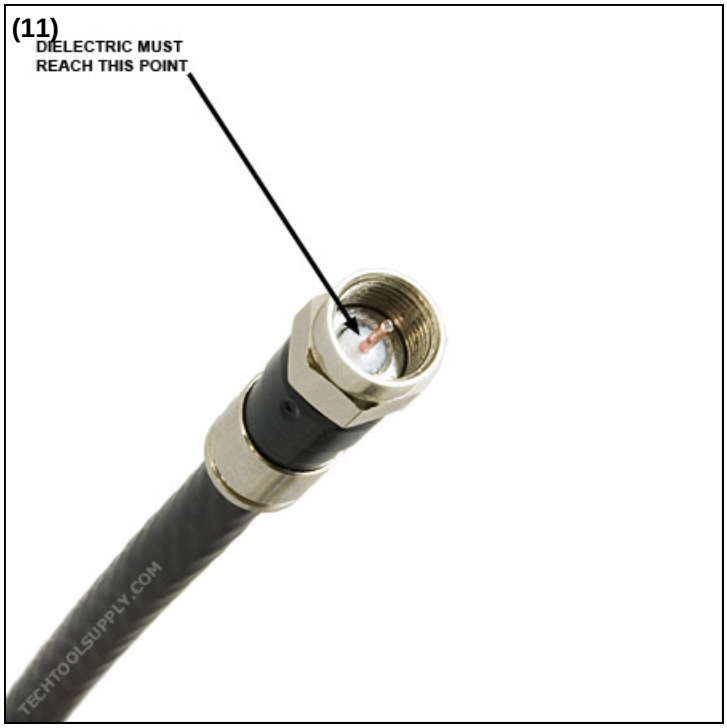
9. OPTIONAL: While Tech Tool Supply offers several variations of the flaring tool; they all perform the same task. The Cable Pro PSA596 pictured above has a flaring tool built into the side of it. Slide the flaring tool over the dielectric and inner foil; again being extremely careful not to disturb the inner foil. Insert the mouth of the flaring tool down under the cables jacket 1/16" (no more than 1/8"). If you go too far with the flaring tool, the cables jacket will be opened up too far and will not fit inside your connector.

(10)

10. OPTIONAL: When properly done, your flared cable should look like the one pictured above. Notice how the flaring tool creates a perfect channel between the inner foil and the outer shielding. This allows for the connectors inner ferrule to slide down into the cable without any obstructions.

(11)



11. You are now ready to install your connector. Quad Shield RG6 cable requires special connectors that have a larger aperture on the back of the connector. Make sure the connectors you are installing are designed for Quad Shield RG6; if they are not, call Tech Tool Supply at 877-208-6657 and we will help you find the correct connector type for your cable.

Make sure when installing your connector that the cables dielectric meets the bottom of the connectors threads as pictured above. If you can not get the dielectric to the point shown above, DO NOT modify the cable stripping dimensions. The mechanism inside the connector is designed for a 1/4" - 1/4" prep, changing the stripping dimensions will result in a connector that falls off of your wire.

Got a tough connector? Try these tips:

- Simultaneously push and turn the connector onto the wire (back and forth).
- Put the connector onto a splitter or similar component to allow more leverage while installing.

Still can't get it?

- It is possible the connectors you are using are not for use with Quad Shield RG6 cable. Check the manufacturers specifications for your connector.
- Practice makes perfect, cut the stripped cable off and try it again. Read these instructions again; something that wasn't obvious to you the first time may be obvious the second.
- Making sure ALL the braid is pulled back can make all of the difference. If one tiny little piece of braid catches the ferrule inside your connector, it will not go on.
- If your stripper is cutting ANY braid with its second cut, your are destined for a headache. It only takes one little braid to catch the ferrule inside of your connector and prevent it from going on.