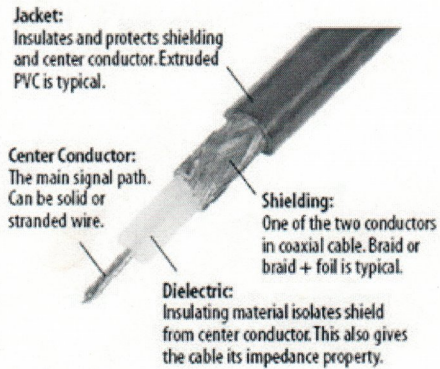
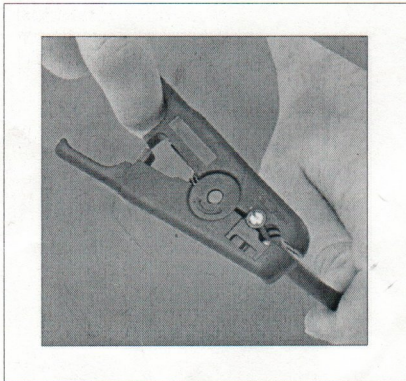


Crimping Coaxial Cable

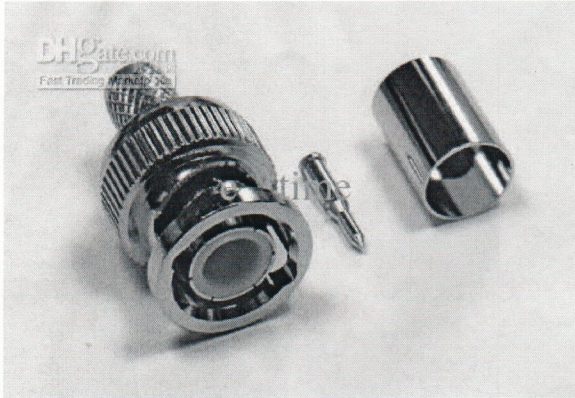
There are several different types of coaxial connections. The main three are twist-ons, solder styles, and "crimp style." Here I will be focusing on crimp style because it is the most affective. Twist-ons may not always get a great connection, and solder styles can be sensitive to bending and flexing. This kit has everything you need for basic crimping, and then some.



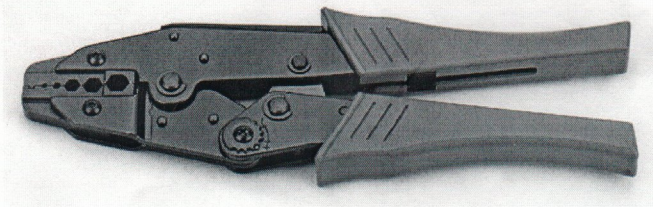
1) First take the cable cutter and align the two blades to where the front has the longer blade. Clamp down on the coax cable one centimeter down from the end of the cable



- 2) With the clamp firmly placed on the cable, slowly twist one to two times. No more than that or else you may start cutting the center conductor.
- 3) Use a pair of wire strippers to remove the outer jacket, and then the dielectric.
- 4) Bend the shielding back and strip most of it off, leaving just enough to make firm contact with the grounded head of the coaxial connector.
- 5) Next place the metal tip onto the center conductor. This can be tricky so try twisting it slowly on. Make sure the conducting cable is in most of the way.
- 6) Solder the tip to the conducting cable, being careful to make a good connection without using too much solder.



7) Place the metal cylinder over the ground wires followed by the connector head. Make sure the metal pin protrudes most of the way through. Also check that the ground wires are between the connector head and the metal cylinder, ensuring that the ground wire is fully protected.



8) While holding the metal cylinder in place with one hand, use the cable crimp to press down on it completely. The crimp cannot be released without being pressed down all the way, so make sure that the head or cylinder don't slide in this step.