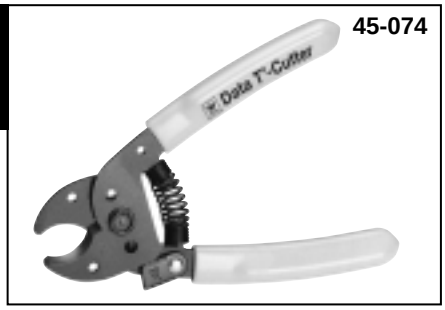
HOW TO INSTALL F-CONNECTORS FOR CATV/SATELLITE SYSTEMS.

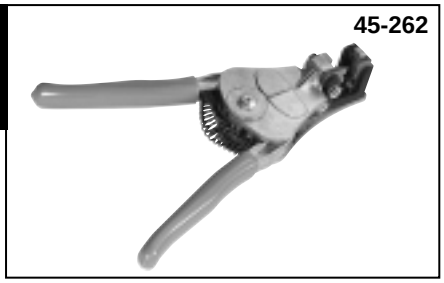
CUT



Step 1

Cutting of coaxial cable requires the use of a shearing type or rounded blade cable cutter, like the **IDEAL Data T®-Cutter** (45-074). Cut the coaxial cable to the proper length needed for your application. Note: Diagonals or side-cutters will deform the cable and may affect the performance. However, if your coaxial cable has a center conductor made of steel, it is recommended you use a diagonal cutter.

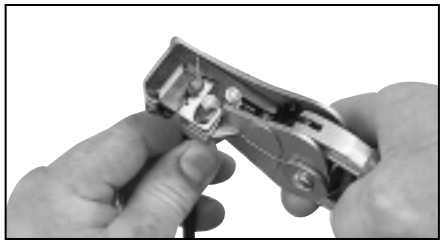
STRIP



IDEAL recommends using an **IDEAL Stripmaster® Wire Stripper:** (45-262) RG-6, (45-266) RG-62, or (45-265) RG-59. **Note:** An **IDEAL Coax Cable Stripper** (45-526) with adjustable blades can also be used for this application.

Step 1

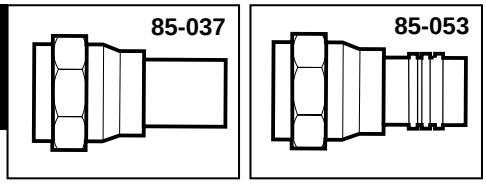
Insert cable into tool as shown and squeeze the handles to strip cable. Strip using small hole first, leaving 1" of center conductor exposed.



Step 2

Switch cable into larger stripping hole and strip off approximately 1/4" of outer jacket.

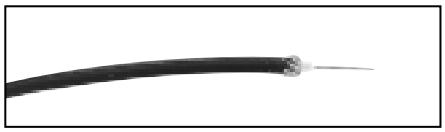
TERMINATE



Coaxial Cable F-Connectors

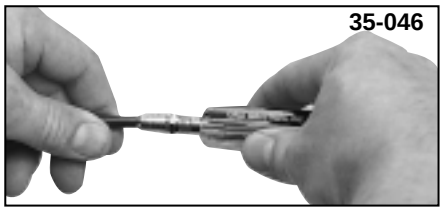
85-035	RG59	Twist-on
85-036	RG59	Crimp-on
85-059	RG59	Quad Shield Crimp-on
85-037	RG6	Crimp-on
85-053	RG6	Twist-on
85-057	RG6	Quad Shield Crimp-on

Note: Crimp-on connectors are recommended.



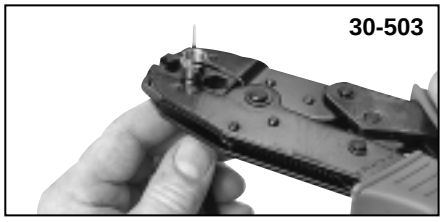
Step 1

Fold back braiding as shown.



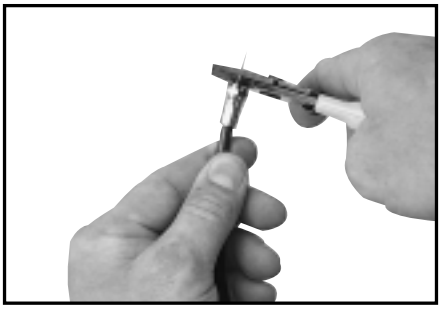
Step 2

Insert cable into F-connector until the dielectric is flush with small hole in center of connector.
Note: The **IDEAL F-Connector Tool** (35-046) can be used to install connector on cable.



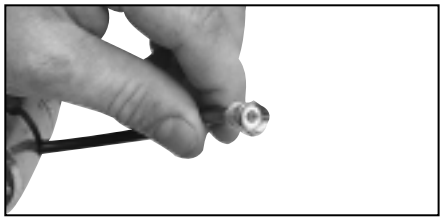
Step 3

Crimp F-connector using **IDEAL Crimpmaster™ Crimp Tool** (30-503). Insert cable and connector into appropriate die nest of crimping tool. Center the 3 rings on back of connector in the die of tool. This die crimps RG-59 or RG-6 F-type CATV connectors. Squeeze handles until the crimping tool releases and remove cable and connector.
Note: An **IDEAL Coaxial Strip & Crimp Tool** (30-433) can also be used to make crimp on connections.



Step 4

Cut excess center conductor off, leaving 1/8" of the center conductor showing beyond the end of the connector.



Step 5

Check your work! Visually inspect the connection. Make sure that there is no stray braiding showing and the connector is uniformly crimped. Is the F-connector securely on the cable? Try pulling it off.

TEST

Testing of coaxial cable generally consists of checking for opens or shorts in the cable. Use the **IDEAL MiniTracker Tester** (62-202) to test for opens or shorts in the cables terminated with F-connectors. This tester can be used through a standard splitter or individual runs of cable and also to trace cable for identifying cable runs.

Step 1

Install tester onto one end of the completed cable assembly. This tester can test through most CATV splitters.

Step 2

Install terminator provided with tester on the other end of the cable assembly. Different colored remotes can be installed throughout the building to test multiple cables through a splitter.

Step 3

Push the “Test” button. Tester will indicate if the cable is “good”, “shorted”, or “open”. Refer to tester instructions for a complete instruction guide or call I**DEAL Customer Service at 800-947-3614.**