

DATAMASTER®

Compression Connector Crimp Tool T0040

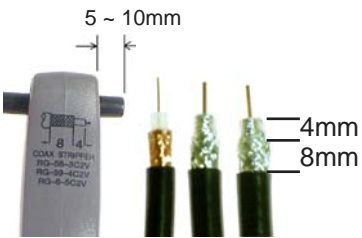
Selecting the correct connector

The compression connectors are colour-coded to ensure a correct match between the connector and the cable.

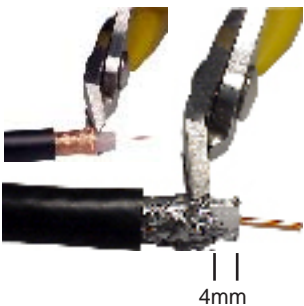
	RG59	RG6 Dual Shield	RG6 Quad Shield
BNC	Red	Yellow	Blue
RCA	Red	Yellow	Blue
PAL	Red	Yellow	Blue
F-type	Red	Yellow	Blue

Stripping the coaxial cable

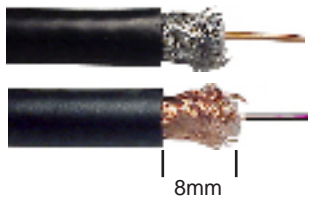
Orient the cable and our T0063 coaxial cable stripper as shown, leaving 5-10mm of cable protruding past the right-hand-side of the stripper. Rotate the tool several times to strip the coaxial cable to the correct dimensions.



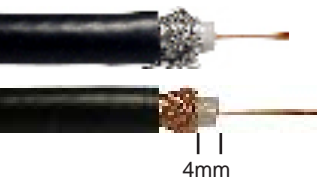
Female BNC and female F-type connectors require additional preparation as follows:



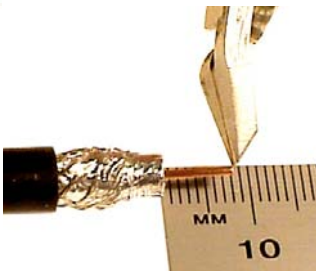
A) Remove the dielectric and shield from the last 4mm to expose the inner conductor.



B) Fold back the shield away from the end of the dielectric.



For all connectors: Trim the centre conductor so that exactly 8mm extends past the dielectric.

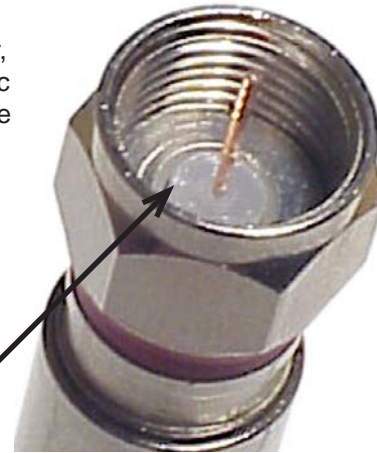


Insert the cable into the connector

Insert the stripped cable into the BNC or RCA connector until it is a snug fit.



Insert the stripped cable into the F-Type connector, ensuring that the dielectric is flush with the hole in the centre of the connector's body.



Dielectric flush with connector's base.

Crimp the connector



Place the cable and connector into the jaws of the crimp tool, passing the cable into the "v-notch" at the left-hand-side of the tool.

Squeeze the handles until the ratchet is fully engaged and the handles open fully when the crimp has been completed.

If the connector will not easily fit between the tool's jaws, ensure the tool is fully released by first removing the connector and then fully closing the (empty) tool.

If the handles jam whilst clamping, it usually means that you have set the crimp length too short. To rectify the problem, squeeze the handles tightly together, turn the lock-nut and the depth-stop anticlockwise just enough to allow the handles to fully close and complete the crimp. Retighten the lock-nut.



Operating Instructions

The T0040 Compression Crimp Tool is used to crimp BNC, RCA or F-Type compression connectors onto RG59, RG6 dual-shield or RG6 quad-shield coaxial cables.

T0040 Overview

The Compression connector crimp tool T0040 consists of:

- The Crimp Tool
- An "F-Nut"
- A "Flat Nut"



Adjusting the crimp tool



To crimp BNC or RCA connectors, the "F-nut" and the "Flat-nut" must be stored on the crimp-tool jaw.



To crimp F-Type connectors, the "F-nut" must be screwed onto the tool's depth-stop.



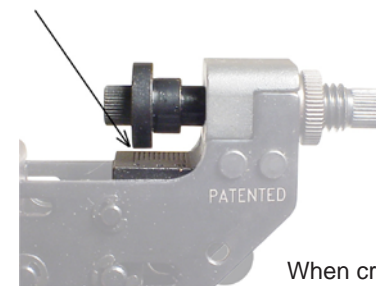
To crimp female F-Type or female BNC connectors, the "Flat-nut" must be screwed onto the tool's depth-stop.

Use this table to determine if the "F-Nut" or "Flat Nut" should be used and the correct setting for the depth-stop.

CAT #	TYPE	SUITS COAX	ADJUSTING NUT	DEPTH STOP
P0722RED	F-type	RG59 ONLY	F-nut on depth-stop	0
P0722YEL	F-type	RG6 Dual-shield ONLY	F-nut on depth-stop	0
P0722BLU	F-type	RG6 Quad-shield ONLY	F-nut on depth-stop	0
P0723BLU	Female F-type	RG6 Quad-shield ONLY	Flat-nut on depth-stop	3
P0724RED	BNC	RG59 ONLY	Both nuts stored	5
P0724YEL	BNC	RG6 Dual-shield ONLY	Both nuts stored	5
P0724BLU	BNC	RG6 Quad-shield ONLY	Both nuts stored	5
P0725RED	Female BNC	RG59 Quad-shield ONLY	Flat-nut on depth-stop	3
P0726RED	RCA	RG59 ONLY	Both nuts stored	3
P0726YEL	RCA	RG6 Dual-shield ONLY	Both nuts stored	3
P0726BLU	RCA	RG6 Quad-shield ONLY	Both nuts stored	3
P0727RED	RCA	RG59 ONLY	Both nuts stored	5
P0727YEL	RCA	RG6 Dual-shield ONLY	Both nuts stored	5
P0727BLU	RCA	RG6 Quad-shield ONLY	Both nuts stored	5
P0728RED	PAL	RG59 ONLY	Both nuts stored	8
P0728YEL	PAL	RG6 Dual-shield ONLY	Both nuts stored	8
P0728BLU	PAL	RG6 Quad-shield ONLY	Both nuts stored	8
P0729BLU	Female PAL	RG6 Quad-shield ONLY	Both nuts stored	8



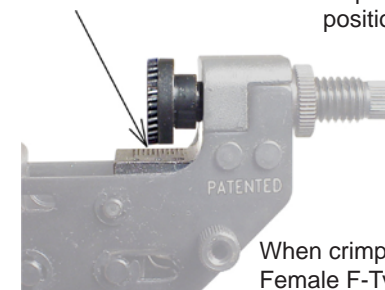
The Depth-stop is adjusted by using the knurled adjustment-knob and its associated lock-nut.



When crimping F-Type connectors, the "depth-stop" must be adjusted to position "0".



When crimping BNC, RCA or PAL connectors, the "depth-stop" must be adjusted to the position shown in the table above.



When crimping Female BNC or Female F-Type connectors, the "Flat-nut" is used and the "depth-stop" is adjusted to position "3".