

CAT-MULTIMEDIA INSTRUCTION SHEET

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock!
Always use OSHA/ANSI or other industry-approved eye protection when using tools.
This tool is not to be used for purposes other than intended. Read carefully and understand the instructions before using this tool.

Compression Assembly Tool

The CAT-Multimedia has been specifically designed to allow compression assembly of series 59/6, 7, and 11 drop connectors from most connector manufacturers. Refer to the CAT-Multimedia table to reference the manufacturers and connectors. The tool is supplied with the changeable plunger tips (IPT) needed for most major brands of F, Mini, RCA and BNC connectors.

Before operating the tool, the user should note the design and installation of IPT plunger tips. The tips are double-ended and snap into the plunger assembly similar to sockets in a ratchet wrench. Set the tool up with the proper IPT per the CAT-Multimedia table. A correctly positioned IPT will face the split jaws when read. A second IPT is stored on the back side of the tool as shown below. Equally important is the compression bearing area of the tool on the connector. There are three bearing areas where the connector meets the tool and will be later explained.

Note: Refer to included chart to match your connector to the proper IPT tip. An improper match can result in tool damage or an incomplete compression.



Adjustment Feature

Due to extended use in the field, the CAT-Multimedia will be subject to a small degree of wear. To account for this, the tool is supplied with a gage block and is designed with a star-wheel adjustment feature on the tool body/handle. If under compression due to wear is suspected, re-adjust the tool as follows:

1. Set the tool up with the IPT-18A plunger tip.
2. With the tool open, place the gage block between the plunger tip and the lower split jaws.
3. Close the tool completely.
4. Re-adjust the star wheel until the gage block is secure between the jaws and the plunger tip. Remove the socket head screw from the star wheel. Move the star wheel clockwise until adjustment is complete and replace the set screw.
5. Make sure to adjust the star wheel until the gage block is secure between the jaws and the plunger tip. The gage block with handle closed should not be able to rotate. The tool is now fully calibrated.

Gage Block P/N 35496
Allen Wrench P/N 10309

Operating Instructions on reverse side



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Operating Instructions

Step 1. (Fig. 1) With the proper IPT tip assembled in the tool and the tool in the open position (tool handle on the bottom), place the cable and connector into the tool opening over the plunger tip. Apply a downward pressure on the cable and connector to allow the split jaws to secure the cable. The cable and connector will now be in position between the plunger tip and the split jaws.

Important Note: The correct compression area must be used with the tool. An incorrect compression can result in a broken tool or improper compression.

Compression bearing locations (Fig. 2)

- A. The lower jaws are used on F and RCA connectors.
- B. The upper jaws are intended for use on BNC connectors.

Step 2. (Fig. 3) To compress the connector, close the tool handle completely, insuring the connector sleeve is fully compressed.

Step 3. (Fig. 4) To remove the cable assembly, open the tool and press the outside split-jaw tabs and pull out the connector assembly.

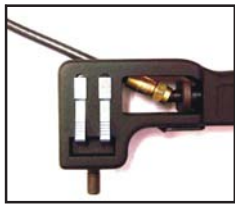


Figure 1
Insert Cable and Connector

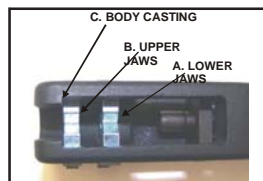


Figure 2
Compression Locations

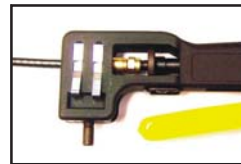


Figure 3
Compress the Connector



Figure 4
Press Outside Split Jaw Tabs

WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.

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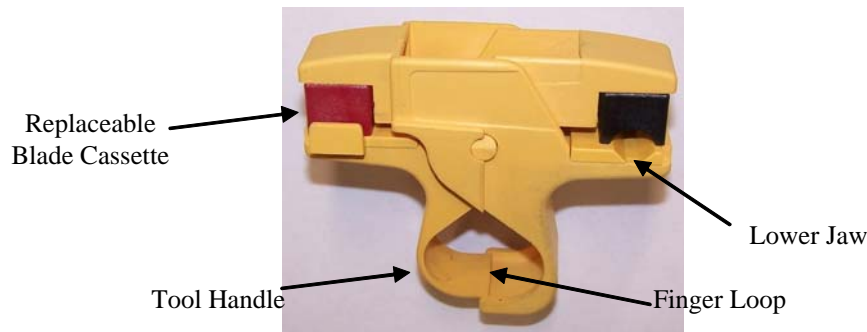
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DDT DUAL DROP TRIMMER INSTRUCTION SHEET

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Figure 1



Thank you for choosing a Cablematic® tool manufactured by the Ripley Company. The proper use of this cable preparation tool will result in error free preparation of the drop cable end. In one step, both the center conductor and braid exposure lengths are prepared to SCTE and Bellcore specifications.

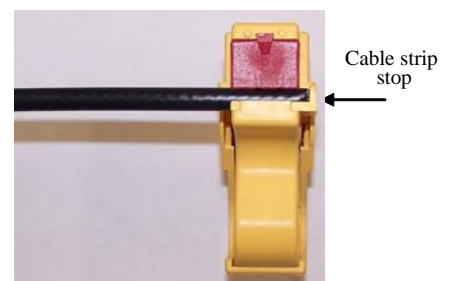
The Dual Drop Trimmer (DDT) will perform industry specified preparations of 1/4" braid exposure and 5/16" conductor exposure on all 59, 6, and 11 series drop cables. Blade cassettes are color coded and marked for easy identification of the cable size. The 59/6 (red) blade cassette is used with all 59 or 6 series drop cable constructions and the 11 (black) cassette is used to prepare 11 series cable.

Tool Instructions: Insure that the proper DDT model has been selected for the cable you are stripping. Please refer to the cassette and tool ordering guide on page two of these instructions.

1. Cut the cable squarely with a side/diagonal wire cutter. Reform the cable end to a round diameter. If a messengered or siamese cable is used, it may be necessary to remove the remaining webbing material for proper connectorization. This can be done with the Ripley Drop Cable Slitter (DCS).

2. Place the cable between the jaws of the tool as shown in Figure 2. The jaws are opened by pressing each tool handle in Figure 1. Position the end of the cable strip stop on the right edge of the lower jaw as indicated in Figure 2. This will insure proper conductor length.

Figure 2



Continued on reverse side

DDT DUAL DROP TRIMMER INSTRUCTION SHEET

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3. While continuing to hold the cable with your left hand as close to the tool as possible, slowly rotate the tool in a forward direction around the cable. This may be simplified by using the "finger loop" on the end of the tool. Rotate the tool 3-5 revolutions until you can no longer hear any braid or shielding being cut and/or the tool spins freely on the cable (11 cables may require more revolutions).
4. With your right hand, firmly grasp the blade cassette area of the tool and pull the tool away from the cable end. Preparation is now complete.
5. Open the tool and discard any remaining jacket or dielectric waste material.
6. Check the trimmed cable end to ensure that the braid, dielectric and jacket are cut cleanly and that the center conductor is clean.

Dual Drop Trimmer (DDT) Ordering Guide

DDT 596/11	59, 6, N48 and 11
DDT EUR/11	For 59, 6, N48, 9 and 11
DDT 596/MINI	59, 6, N48, MINI and N35
DDT 5C/MINI	5C, MNIN N35
DDT COAX9/MINI	Coax 9, MINI and N35
DDT EUR/MINI	For 59, 6, N48 9, MINI and N35

Replacement Cassettes	Drop Coax Cable	Color
RC596-250	59, 6 and N48	Red
RC11-250	11	Black
RC EUR-250	59, 6, N48 and 9	Orange
RC MINI 250	MINI and N35	White
RC596-250 PB	5C	Blue
RC9-250	9	Green

Depress lock tab on back of cassette to remove from tool. Each blade cassette is matched to the lower jaw in the tool. Replace accordingly.

Note: Replacement Blade Cassettes (2 cassettes per package)

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