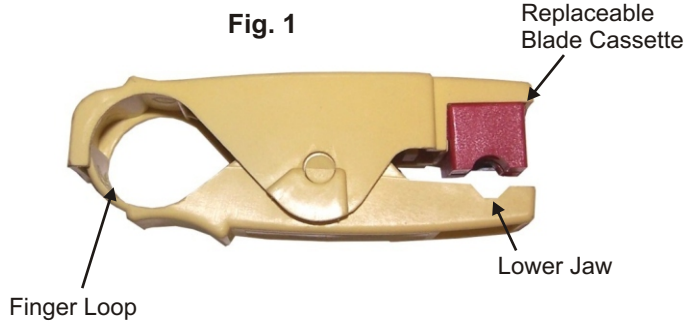
LDT
Lightweight Drop Trimmer

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

Thank you for choosing a Cablematic® tool manufactured by the Ripley Company. The proper use of this coax 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 LDT will perform industry specified preparations of 1/4" braid exposure and 1/4" conductor exposure on a variety of coax drop cables.
Insure that the proper LDT model has been selected for the cable you are stripping. Please refer to the tool ordering chart below that lists tool model, cable construction and replacement cassette.

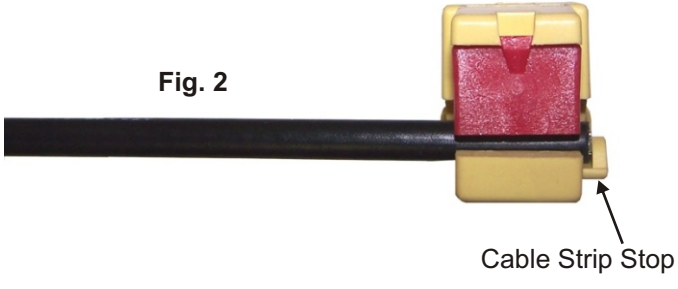
Fig. 1



<u>Tool Instructions:</u>
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. Position the end of the cable to the cable strip stop on the right edge of the lower jaw as indicated in Figure 2. This will insure proper conductor length.

(continued)

Fig. 2



Tool Instructions: *continued*

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 until you can no longer hear any braid or shielding being cut and/or the tool spins freely on the cable.
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.

Model	Drop Coax Cable	Replacement Cassette	Color
LDT 596-250	59, 6, N48	RC 596-250	Red
LDT 5C-250	5C	RC 596-250 PB	Blue
LDT Coax 9	Coax 9	RC 9-250	Green
LDT MINI	MINI, N35	RC MINI-250	White
*LDT MINI-1	MINI	RC MINI-1-250	Tan
LDT 6-PL	6 Plenum	RC 6PL-250	Blue

38834 07-12-07

Models with * are to be used with cables with * below only.

MINI Cable Manufacturer	Cable Identification
Belden	*HC2650R, YR 46940, *1279R, 1283, 1855, 1855A, *2648, 7534
Beta Cavi	N35
Commscope	7538, 7538B, 7539/7539H, 73501S
Honeywell	5019, 5029, 5099
Times Fiber	T75M67T-VBV, T75MQ65/40-VBV

4203 chart 06-07-07

Braid Brush Feature

Enclosed separately with the LDT tool are Anti-fatigue braid brushes for the purpose of combing back braided shielding prior to assembling connector to the cable. The back of the LDT tool body is molded to assemble with the brush. As shown, slide the lock tab end into the body first. Apply pressure at the brush base to avoid damage. Snap in place.

RIPLEY®

Cablematic® CABLE PREPARATION TOOLS

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