

# SDT

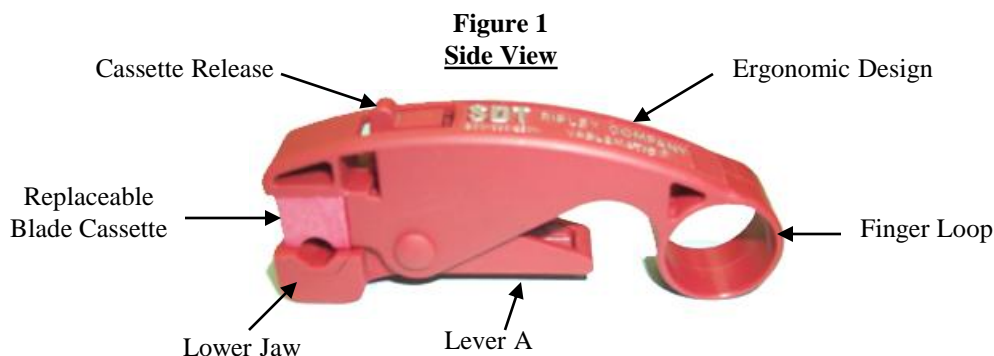
## Single Drop Trimmer

U.S.PAT.No. 6,253.641

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**Warning:** This tool is not insulated against electrical shock and should be used with electrically insulated gloves. This tool is not to be used for purposes other than intended.

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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.

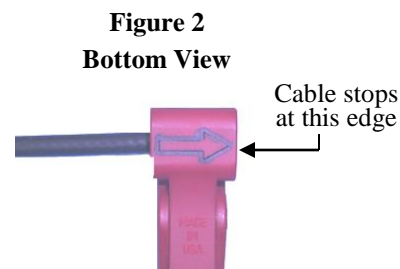
The Single Drop Trimmer (SDT) will perform industry specified preparations of 1/4" and 1/8" braid exposure on all 59, 6, 7 and 11 series drop cables. The center conductor is trimmed to a 1/4" length on all cables. Blade cassettes are color coded and marked for easy identification of the cable size and braid exposure length. The 59/6 (red) blade cassettes are for use with all 59 or 6 series drop cable constructions and the 7 (green) blade cassettes are for use on any 7 series drop cable construction. Due to the variations of 11 series drop cable currently used in the CATV industry, there are two different 11 blade cassettes. This feature allows the user a choice of cassettes best suited for their particular cable. The 11Q (gray) blade cassette is designed for .032 (.812mm) nominal jacket thickness and is specifically for current Belden, CommScope and Times Fiber Communications 11 quad series construction. The 11 (black) blade cassette is designed for .040 (1.02mm) nominal jacket thickness and is specifically designed for all current 11 series standard and tri shield cables and Trilogy Quad shield cables.

### **Tool Instructions:**

*Insure that the proper SDT 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 in the direction of the arrow on bottom of tool as in Figure 2. The jaws are opened by pressing Lever A in Figure 1. Position the end of the cable to the right edge of the lower jaw as indicated in Figure 2. This will insure proper conductor length. (For tool models supplied with a built in strip stop, position the cable end to the stop on the lower jaw. This also ensures proper conductor length.



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continued on other side

3. While continuing to hold the cable, as close to the tool as possible, with your left hand, 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 (7 and 11 cables may require more revolutions). On series 11 cable it may be necessary to set the blade before rotating the tool. This is accomplished by rotating the tool one time while squeezing the jaws. Once this is done the tool will guide itself around 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.

## Single Drop Trimmer (SDT) Ordering Guide

### For .250 (1/4”) [6.4mm] Braid Exposure

Model	Drop Cable Series	Replacement Cassettes	Color
SDT596-250	59, 6, Std. Tri & Quad	RC596-250	Red
SDT7-250	7 Std. Tri & Quad	RC7-250	Green
SDT11-250*	11 Std Tri & Quad	RC11-250	Black
		RC11Q-250	Gray
SDT COAX 9-250	Euro Coax 9	RC9-250	Green

\*SDT model supplied with 11 (black) cassette for use on 11 standard and Tri Shield cable and 11Q (gray) cassette for use on 11 Quad

### For .125 (1/8”) [3.2mm] Braid Exposure

Model	Drop Cable Series	Replacement Cassettes	Color
SDT596-125	59, 6, Std. Tri & Quad	RC596-125	Blue
SDT7-125	7 Std. Tri & Quad	RC7-125	Tan
SDT11-125**	11 Std Tri & Quad	RC11-125	Yellow
		RC11Q-125	Orange

\*\*SDT model supplied with 11 (yellow) cassette for use on 11 standard and Tri Shield cable and 11Q (orange) cassette for use on 11 Quad

**Note:** Replacement Blade Cassettes (2 cassettes per package)

Warranty: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



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