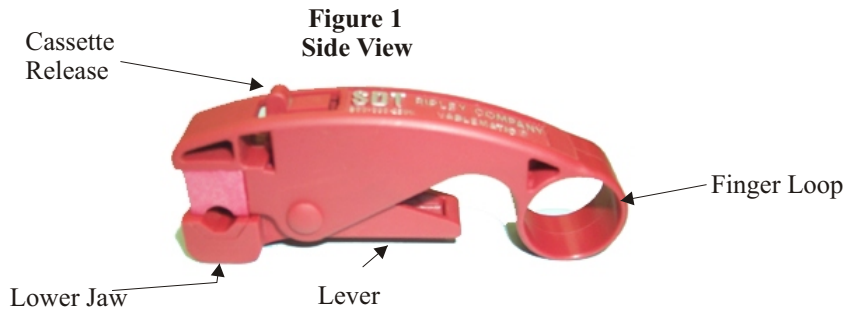


SDT - 50 Ohm Series

Single Drop Trimmers for 50 Ohm Series Braided Cable

U.S.PAT.NO. 6,253,641

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 instructions before using this tool.



Thank you for choosing a Cablematic tool manufactured by the Ripley Company. The proper use of **SDT-50 Ohm** cable preparation tools will result in error free preparation of 50 ohm braided coax cables. These tools will prepare the cables to 1/4" braid expose and 1/4" conductor exposure. Refer to the chart at right for tool models.

Tool Instructions:

1. Cut the cable squarely. A Cablematic CxC cutter will produce a clean cut without the need to reform the end.
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. The end of the cable is positioned against the tool strip stop. (For models SDT 500-50 and SDT 600-50 with no tool stop, the cable end is positioned flush to the right edge of the lower jaw). This proper positioning ensures the 1/4" - 1/4" prep.
3. With the cable properly positioned, **slowly** rotate the tool in a forward direction (Clockwise) around the cable. This may be simplified by using the finger loop on the end of the tool. Rotate the tool 6-7 revolutions until you can no longer hear braid or shielding being cut. Set the blade by rotating the tool one more revolution while squeezing the jaws. The cable is now properly scored.
4. Open the tool and remove it from the cable. **Do not pull insulation, braid, and jacket off with the tool on the cable.** Tool damage may result (Fig 3 depicts scored cable).
5. Grasp the end of the cable. Twist until a snap is felt and heard. Pull this section of jacket, braid and dielectric off of the cable exposing the conductor (Fig 4).
6. To expose the braid, the outer jacket may be pried off by hand, or with pliers or a screwdriver depending on the insulation material. This completes the cable preparation(Fig 5).
7. The SDT-50 ohm series tools contain a built in center conductor de-burr/chamfer element near the finger loop (with the exception of the 195/200 tool). Rotate the element against the cable end to produce the desired de-burr/chamfer.

8. Replacement cassettes:

To replace the cassette, press down cassette release to disengage locking tab. Slide out old cassette. Slide in new cassette, being sure dovetail and locking tab engage properly. **Blade cassettes are only replaceable and are not interchangeable within the same SDT body.**

| Tool | Part No. | Cable Size | Replacement Cassette | Color |
|----------------|----------|------------|----------------------|--------|
| SDT 195/200-50 | 38650 | 195 200 | RC 195/200-50 | Green |
| SDT 240-50 | 38651 | 240 | RC 240-50 | Gray |
| SDT 300-50 | 38652 | 300 | RC 300 | Yellow |
| SDT 400-50 | 38653 | 400 | RC 400 | Blue |
| SDT 500-50 | 38654 | 500 | RC 500 | Red |
| SDT 600-50 | 38655 | 600 | RC 600 | Black |

Fig 2

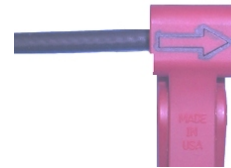


Fig 3



Fig 4



Fig 5



Chamfer Bit



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.



46 Nooks Hill Road, Cromwell, CT 06416 USA ~ Phone: 800-528-8665 ~ Int'l: (01) 860-635-2200
 Fax: (01) 860-635-3631 ~ E-mail: info@ripley-tools.com ~ Internet: www.ripley-tools.com



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