

# CST 600 3192-052 Cable Preparation Tool

**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.



The CST 600 is a specially designed cable preparation tool for LMR-600 coax cable. This tool will trim the cable to proper conductor and braid exposure lengths for the assembly of 600 clamp(C) and crimp style(EZ) connectors.

**Set up:**

The tool is built with an adjustable stop on the Cut #2 end to give the correct braid exposure length. Set the stop in the proper location for clamp or crimp trim length. Ensure that the knife block is in the up position on the Cut #1 end. See product picture above.

**Operation:**

1. Ensure cable end is cut off as square as possible for accurate prep lengths. Insert cable in Cut #1 end up to stop. (If cable is deformed, some re-forming of the end may be necessary.) Rotate the tool and simultaneously engage the knife blade by applying thumb pressure to the knife block. Turn and squeeze until the block bottoms against the tool body. (Fig.1)
2. Pull the cable straight out of the tool opening while holding thumb pressure on the knife block. The exposed conductor length will be developed (Fig.2). Retract the knife block by pushing up on the guide rod underneath. **Ensure the cable chip gets ejected from the tool.** If not, re-insert prepared cable end to dislodge stuck cable chip.
  - Alternative method:* Perform step 1 above. Retract the knife block. Remove the cable and chip together from the tool. Twist the chip off the cable with pliers. (Fig.2a)
3. Insert cable into Cut #2 end. With gentle pressure, turn tool in a CW direction to engage jacket blade. Turn tool until cable reaches strip stop and continue turning until jacket chip breaks off. (Fig.3)
4. Deburr conductor end with deburring bit on the #2 end of tool. Apply forward pressure and rotate back and forth to break sharp edge. Cable end is depicted in Fig.4

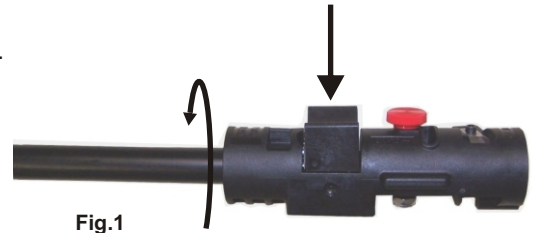


Fig.1



Fig.2

Fig.2a



Fig.3

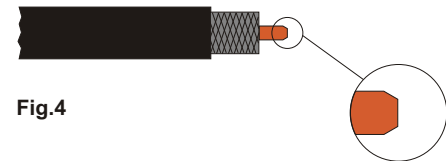
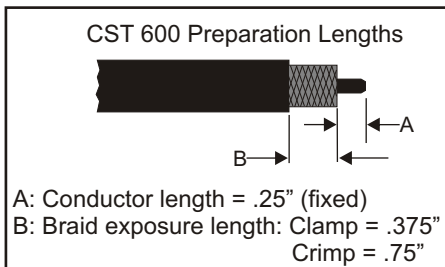


Fig.4



**Replacement Blades:** **RB 500/600 Blade Set - p/n 43293**  
 (includes 5 ea First Cut razor blades, 1 Jacket blade, and blade hardware.)

**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  
 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

**TIMES** MICROWAVE SYSTEMS  
 358 Hall Avenue  
 P.O.Box 5039  
 Wallingford, CT 06492-5039  
 Phone: 800-TMS-COAX (867-2629)  
 Internet: www.timesmicrowave.com