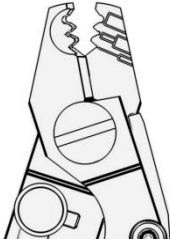


FO 103-T-250-JC

Fiber Optic Stripper

Warning: Never use this tool on live electrical circuits; it is not insulated against electrical shock. Always use OSHA/ANSI or other industry approved eye protection when using tools. This is not to be used for purposes other than intended. Please read and understand instructions before operating this tool.

Note: This tool is a manually operated cutting devices for stripping buffer coatings from optical fiber and not intended to cut or strip wire or Kevlar.

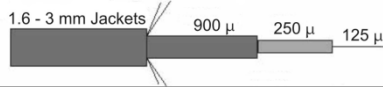


FO 103-T-250-JC

(Ripley p/n 81370)

Stripping Functions

- 1) 1.6 - 3 mm patch cord jackets
 - 2) 900 micron tight buffer from 250 micron buffer coating
 - 3) Standard 250 micron buffer from 125 micron buffer coated optical fiber
- All factory set, requires no adjustment



OPERATING INSTRUCTIONS

1. Insert fiber into the appropriate opening of the tool
2. Close the tool squarely around the fiber. Grasp firmly, do not squeeze hard.
3. Draw the tool along the fiber while keeping the tool perpendicular to the fiber.
4. Clean the stripped fiber and terminate the end per the splice or connector manufacturer's instruction.

Note: When stripping extended lengths of buffer coating, it is recommended that several short strips be made to achieve the desired length. This will relieve any pressure caused by the stripped buffer coating as it accumulates ahead of the cutting edge. Clean the "V" opening of the tool on a regular basis with 99% Isopropyl Alcohol or an "Alcohol Prep Wipe" to insure proper operation. Failure to do so could cause the fiber to break.

Caution: The tool should not be opened beyond factory pre set limits. Forcing open the tool or bypassing the open position stop will result in loss of factory pre-set calibration and damage the tool.

Operational Maintenance Guidelines

Miller FO 103 series tools are factory set and cannot be adjusted or calibrated. The tool may be periodically checked for proper operation. Prior to and during the inspection, the tool may be cleaned with a fine plastic bristled brush to remove debris from the opening. The opening may be cleaned with dry compressed air.

Evaluation Steps

1) **Functional Evaluation.** The tool should only be used to strip fiber and the fiber should be subjected to normal qualification tests. The buffered fiber used for these tests should be standard 125 μm cladded fiber. The stripping of fiber should be performed by a trained technician.

2) **Optical Evaluation.** Tools should be inspected at least every 6 months or after performing the equivalent of (500) 25mm strips whichever occurs first. The test period should be reviewed annually to determine if more frequent testing is required. Tools should be kept clean and dry to eliminate surface corrosion. Any tool that fails to meet established standards should be replaced. The opening should be viewed with an optical comparator with a magnification of 50X to 100X power. When performing the evaluations the tool should be held closed with moderate hand pressure and placed flat on a fixture so that the ground faces are perpendicular to the angle of viewing. The opening should form a complete round circle. The diagonal guide/cutting surfaces should overlap completely. The FO103-T-250-JC hole openings should adhere to the following guidelines*

- 125μm opening should measure within 142 - 155μm
- 250μm opening should measure within 660-765 μm
- 1.6-3mm opening should measure within 1.19 - 1.29mm

*Best-fit minimum diameter (minor diameter).

It is important to note that the ground surfaces must be held perpendicular to the viewing angle as deviation from this will distort the shape and size of the opening.

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.

