

## FO-SnC Series

All-in-One Fiber Optic Stripping & Kevlar® Cutting Tool

Part No: 81430

### Overview

- Compact "strip & cut" design integrates jacket stripping, fiber stripping & aramid fiber cutting into one dynamic tool
- Cable stripper & cutter are retractable into the handle to increase safety & tool longevity
- All cutting surfaces are precision-formed, hardened, tempered & ground to ensure accurate fiber stripping without damaging the fiber
- Patent-pending



Fiber Stripping



Kevlar® Trimming

### Specifications

1st Hole Application	1.6 - 3 mm Jacket → 600 - 900 µm Tight Buffer
2nd Hole Application	900 µm Tight Buffer → 250 µm Buffer Coating
3rd Hole Application	250 µm Buffer Coating → 125 µm Bare Fiber
Dimensions	3.75" x 1.25" x 0.7" (95 x 32 x 18 mm)
Weight	3 oz (85 g)

## FO-SnC Fiber Optic Strip and Cut Instruction Sheet

**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 Miller **FO-SnC** combines jacket stripping, fiber stripping and the trimming of aramid yarn (Kevlar®) all within a single compact **ALL-IN-ONE** tool.

### Operation

Locate the stripper tool side and slide the black tab forward as shown in Figure. 1  
The fiber stripper has three stripping notches.

The largest stripping notch at the outer tip of the tool is used to strip cable jackets from 1.6- 3.0mm. Close the tool around the jacket, hold firmly and draw the tool towards the end of the cable to strip off the jacket material.

The middle notch is used to strip 900 micron tight buffer down to the 250 micron buffer coating.

The smallest notch is used to strip the 250 micron coating down to the 125 micron fiber. **Ensure that all the fiber stripping notches are clean and clear of any debris.**

**Debris in a fiber notch can damage or break the fiber.** The tool may be cleaned using a cleaner containing 99% isopropyl alcohol such as Miller FS400 Bifurcated Foam Tip Swipes.

#### Fibre Stripping:

- 1) Insert the fiber into the desired tool notch
- 2) Hold the fiber square to the tool. Close the tool squarely and firmly around the fiber. 3) Draw the tool towards the end of the fiber exerting steady pressure. As fiber buffer and acrylates may vary, we recommend starting with several short strips to acquire the desired finished strip length

#### Kevlar® Trimming:

Locate the tool Cutting side and slide the tab forward as shown in Figure. 2 and cut to the desired length

NOTE: This tool has been specifically designed for the cutting of aramid Kevlar® yarn ONLY.

Use an industry approved cable gel cleaner or degreaser to clean residue on the cutting edges after use on cables containing water blocking gel.



Fiber Stripping

Fig.1



Kevlar® Trimming

Fig.2

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.

### For more information:

#### Vicom Australia Pty Ltd

1064 Centre Rd. Oakleigh South Vic 3167 Australia  
1300 360 251 [info@vicom.com.au](mailto:info@vicom.com.au) [www.vicom.com.au](http://www.vicom.com.au)

#### Vicom New Zealand Ltd

Grd Floor, 60 Grafton Road AUCKLAND 1010 New Zealand  
+649 379 4596 [info@vicom.co.nz](mailto:info@vicom.co.nz) [www.vicom.co.nz](http://www.vicom.co.nz)



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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](mailto:info@ripley-tools.com) ~ Internet: [www.ripley-tools.com](http://www.ripley-tools.com)



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