

# OPERATING INSTRUCTIONS

**Manufacturer:**

Ripley® Miller

**Product Name:**

Ripley® Miller MSAT® 5-Channel Mid-Span Fiber Buffer Tube Slitter (1.9mm-3.0mm)

**Manufacturer Part Number:**

MSAT-5

▶ [Click here for more details on the Ripley® Miller MSAT® 5-Channel Mid-Span Fiber Buffer Tube Slitter \(1.9mm-3.0mm\)](#)



## MSAT® 5

**WARNING! THIS TOOL SHOULD NOT BE USED ON LIVE ELECTRICAL CIRCUITS. IT IS NOT PROTECTED AGAINST ELECTRICAL SHOCK!**

Always use OSHA/ANSI/CE 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.

**Warranty:** Ripley warrants its products against materials and workmanship for a period of two years from date of shipment from the Ripley factory provided is utilized in accordance with instructions and specified ratings.



### Product Overview

The MSAT® 5 Mid-Span Access Tool allows safe and easy access to the bare fibers in multiple buffer tube sizes by shaving a window opening in the loose buffer tube. The tool is applicable to buffer tubes 1.9 mm - 3 mm in diameter with no adjustments or die changes.

### Features

- Convenient built-in sizing channels quickly determine the proper diameter channel for buffer tubes ranging from 1.9 mm to 3 mm
- Locking mechanism ensures the tool will remain closed during operation
- Safe, compact & ergonomic design fits comfortably in hand for easy operation
- Rugged polymer construction is lightweight and durable

### Operation Instructions

1. Prepare the cable for midspan access by exposing the buffer tube as needed.
2. Use the sizing channels on the top of the tool to determine which slot on the tool to use. Starting with the smallest channel (#5) find the first slot the tube will seat fully into. Then use the corresponding channel inside the tool (*Fig.1*)
3. Unhook the clasp and open the tool. Use caution to not contact the exposed blade.
4. Place the buffer tube into the correct channel as determined in Step 2.
5. Close the tool completely until the clasp engages. (*Fig.2*)
6. With a slow, even, and steady force, glide the tool down the tube in a smooth motion. The tool will shave the tube to expose the bare fibers. (*Fig.3*)
7. When you reach the end of the access point, **cut off the scrap portion of tube before opening or removing the tool.** (*Fig.4*)

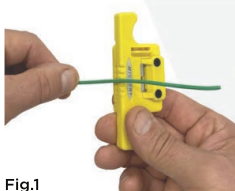


Fig.1

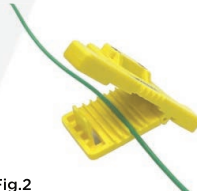


Fig.2

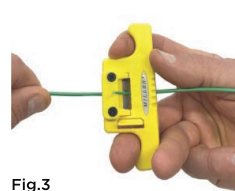


Fig.3



Fig.4

**Blade Replacement:** Replacement blade kit (5 pack): CB 281 p/n 80935

Note: Use caution when handling blades and dispose of used blades properly

1. Use a #2 Phillips screwdriver to remove the two blade cover screws
2. Observe the blade location, then remove it
3. Install the new blade in the blade pocket and secure it in place

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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