

**LUMINOS**  
Photonics Solutions

# Cable Preparation Tool User Manual

Part#: CPT2



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## Introduction to Cable Preparation Tool



Figure 1: CPT2

The CPT2 is a Fiber-Optic Cable Slitting Tool. With selected pairs of blades mounted on each side of the moving jaw - this tool is totally customized to meet your requirements.

This method of cable preparation requires minimal time and effort to accomplish. A simple light pressure engages the slitter blades. A latch is provided which enables the operator to close and hold the slitter while preparing to apply additional pressure. This innovative approach to cable preparation saves time, increases production and is safer than conventional practices. The CPT2 is the ideal tool for every field technician required to slit fiber optic cable.

### *Slitter Blades*

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The CPT2 easily slices through the cable sheath with no damage to the internal fiber optic cable. The exclusive ball socket joint and factory-preset blades allow the CPT2 to glide effortlessly along any length of cable resulting in two precision slits along the cable length. Slitter blades have a life expectancy of >2km.

Blade Type	Jacket O.D. (mm)	Jacket Thickness (mm)	Cable Diagram #
CPTRB:M	1.8 – 2.2	0.25 – 0.35	Sub-jacket (3)
CPTRB:J	2.5 – 3.5	0.45 – 0.60	Sub-jacket (3)
CPTRB:K	4.0 – 5.5	1.25 – 1.35	Jacket (1)
CPTRB:N	5.5 – 6.5	1.15 – 1.25	Jacket (1)
CPTRB:L	5.5 – 6.5	1.35 – 1.65	Jacket (1)
CPTRB:P	5.5 – 6.5	1.85 – 2.15	Jacket (1)

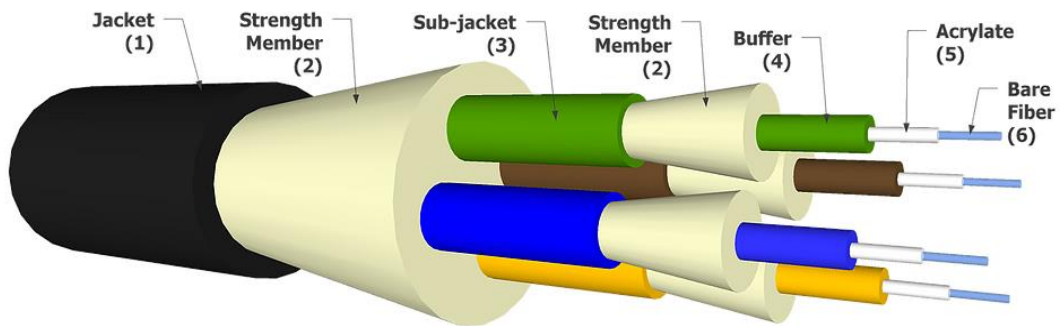


Figure 2: Cable Diagram

### *Feature Summary*

- Interchangeable blades in a variety of sizes
- Factory preset blade depth
- Exclusive ball-socket joint and embedded latch for smooth effortless operation
- Rugged construction

## Getting Started

### *Operation of the jacket slitter*

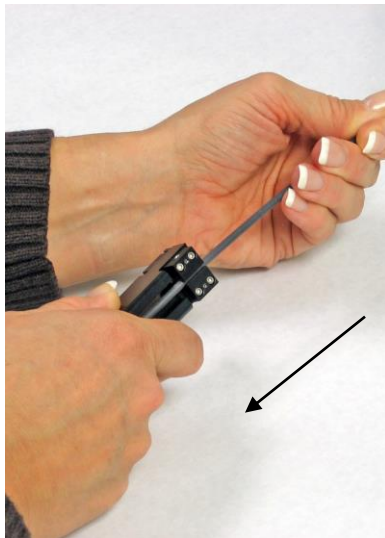
Verify that the type of slitter matches the cable type.



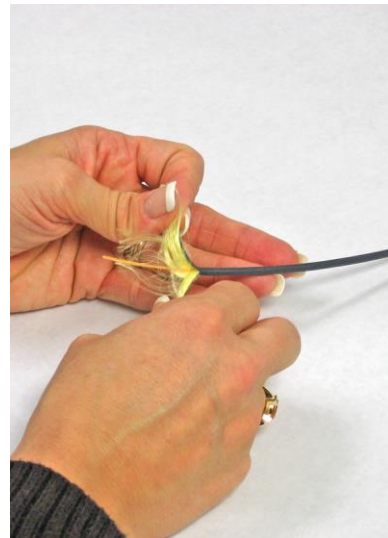
1. Position the cable in the slitter tool at the desired start point.



2. Apply thumb pressure to close the jaws and slide the latch to lock in place.



3. Pull the tool along the cable in the direction of arrow to slit the cable.



4. The tool does two parallel cuts on opposing sides of the jacket so that the jacket can easily peel apart to expose inner cable.

## Installing Slitter Blade Blocks

The letter designators for the slitter blocks are stamped on the back of each block. Ensure you have a matched pair.

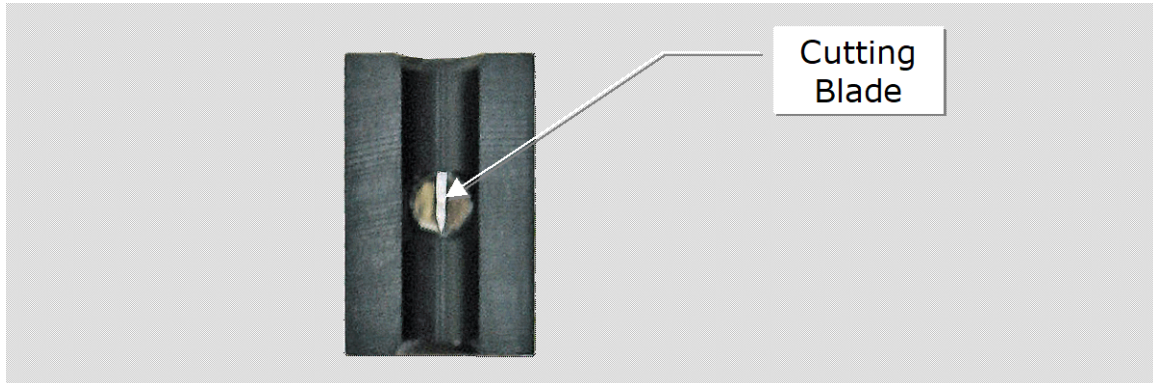


Figure 3: Cable Slitter Block

The correct installation of the slitter block directs the sharpened edge of the cutting blade toward the handle.

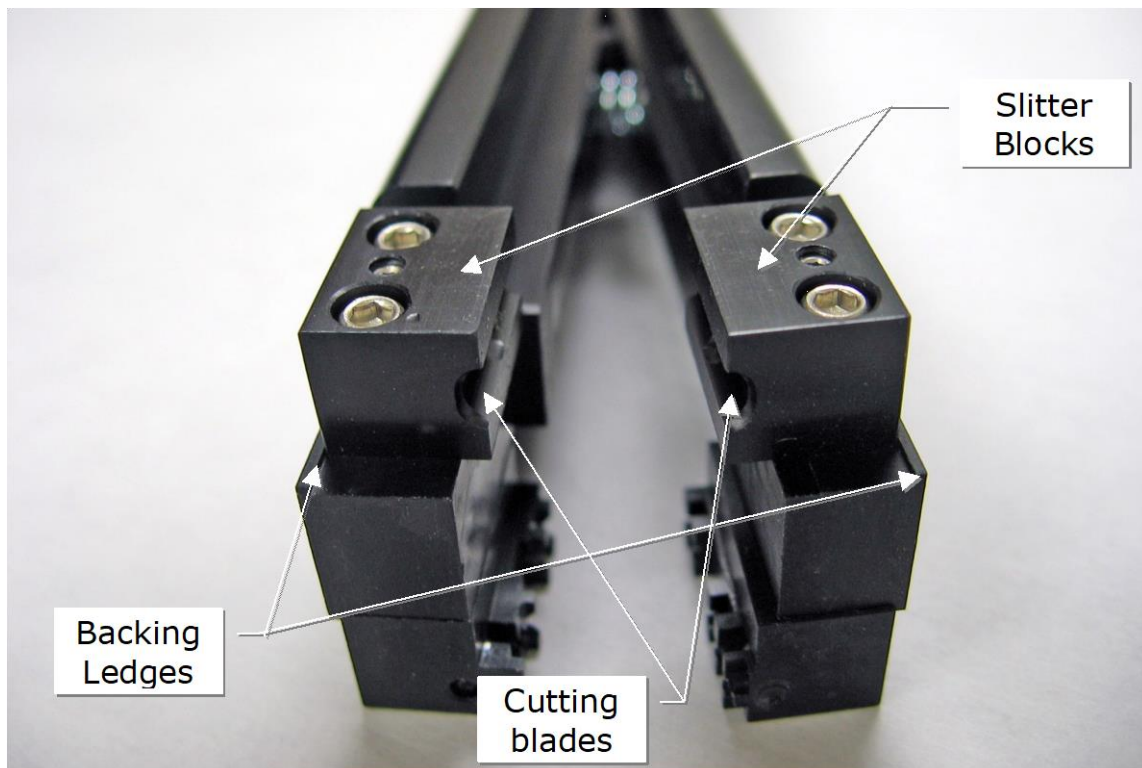


Figure 4: Top View of CPT2

The cutter block must be mounted against the backing ledge. Tighten the hex screws using a 5/64 hex allen key.

The optimum torque for this screw is 2 inch pounds. The threads may become damaged by over tightening.

Apply finger pressure to bring the jaws tightly together at both front and rear for good parallelism. Snug the screws to hold the blocks and then torque the screws to 2 inch pounds. The screws provided are 2-56 X 3/8 inch stainless steel.

## Contact Us

Thank you for purchasing a Luminos product. We want to ensure your experience is a positive one. If you have any questions, concerns, or comments do not hesitate to contact us.

### *Mailing Address*

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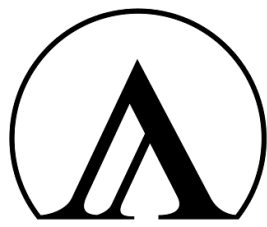
## Warranty

All items manufactured by Luminos are warranted to meet Luminos' published specifications and to be free of defects in materials and workmanship as defined in the specifications for 90 days after delivery. Luminos will, at its own option, repair or replace without charge any listed item discovered to be defective.

Luminos will not be held liable for any loss whatsoever beyond the purchase price paid by the buyer for the goods to which claim is made. Luminos does not give implied warranties of merchantability, fitness for a particular purpose, or of any other nature in connection with the sale of any Luminos products.

Products not returned in original packaging will void this warranty.

This warranty does not extend to cover damage resulting from alteration, misuse, negligence, abuse, normal wear and tear, or accident.



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