

The cleaver in this Cleerline termination kit comes pre-adjusted to cleave the SSF™ Stronger, Safer, and Faster Cleerline fiber optic glass and its integral polymeric coating as well as traditional type. Your new cleaver has been factory-adjusted and verified by microscope to ensure successful 90-degree end face cleaves prior to shipping.

### Troubleshooting and Frequently Asked Questions:

#### In which “slot” do I position the fiber?

A: The cleaver is configured to accept 250µm, 900µm, 2mm, and 3mm jacketed fibers. Since you will typically be working with 250µm (diameter of acrylate soft peel colored coating), you may use either slot depending on how the jacketed fiber can be positioned on the tray. Use the slot that allows you to position the fiber most effectively: laid straight and at a 90-degree angle with the cleaver wheel. Typically slots can accommodate all fiber types. Positioning is important in obtaining quality cleaves/end faces on the fiber optic cable you are terminating.

#### How do I prep the fiber?

A: Make sure to remove all of the soft peel coating from the determined point on the optical cable to the end per your connector instructional’s cleave measurement. Ensure the soft peel is completely removed by running your fingers on all sides of the glass. If desired a fiber wipe may be utilized. However, it is not necessary as the optical glass is coated/protected. Never attempt to cleave the fiber with the soft peel coating still on the glass as this will “dirty” the cleaving wheel. If this occurs, clean wheel with a cotton swab soaked in alcohol.

#### My cleaver is not working/will not cleave the glass fiber – solution?

A: As noted above, ensure all soft peel coating has been removed from the end of the fiber. After positioning the fiber, use your thumb to push the cleaver slide lever (located lower right on the cleaver). Doing this too slowly may cause the fiber to not cleave. Give the slide lever a good push. You are not trying to “snap it;” just use a steady push. With just a bit of practice, the fiber should successfully cleave.

Additionally, make sure you are closing the “lid/handle” of the cleaver completely. The fiber additionally needs to extend out the right side, being placed over both black pads and placed over the trash collector so that once cleaved, the waste glass can be caught in the small trash bin.

#### Blade Height Adjustment – PLEASE CONTACT SUPPORT PRIOR TO ADJUSTMENT

Your cleaver has been adjusted and tested to work with Cleerline SSF™ Fiber. Please contact Customer Support for additional information prior to making any adjustment to cleaver blade height. If for any reason an adjustment is necessary in the field, please contact customer support. The wheel height adjustment takes 5 to 10 minutes to perform.

Blade height adjustment involves raising or lower the blade/wheel height in the cleaver slightly so it can “score” the outer covering of the glass fiber correctly while the fiber is tensioned across two pads. Wheel height is adjusted in very fine increments until a successful cleave is achieved.

For more information on terminating your fiber and the use of this equipment, visit [cleerline.com](http://cleerline.com) or contact us at 866.469.2487

Watch Instructional videos on the Cleerline SSF™ website: <https://cleerline.com/resources/instructional-videos/>