Cleerline SSF™ ST Connector with SSF™ Fiber

**THE STEPS ON THIS CARD DO NOT APPLY TO TRADITIONAL/NON-SSF™ FIBERS.**

This guide assumes proper selection of connector match cable type. Due to SSF™ fiber's extreme durability your cleaver may require a wheel height adjustment to successfully cleave SSF™.

**2-3.0mm SSF™ FIBER**

1. Unscrew boot from rear of connector and slide onto 250µm fiber. For 2.0mm slide include build tube onto cable jacket.
2. Using strippers remove approximately 50mm/2” of cable jacket.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Pull Kevlar yarns back to locate SSF™ fiber. Use only finger tips/nails to gently remove “Soft Peel” 250µm coating to within 19mm/3/4” of cable jacket. ¹
5. Cleave fiber measuring from cable jacket. For SSF™ ST = 29mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Ensure fiber is straight. Secure jacket in the center slot.
8. Install dust cap. Slide boot forward and thread one full turn to “lock in” Kevlar strands. Cut Kevlar close to boot. Tighten boot until secure.

**900µm SSF™ FIBER**

1. Ensure a minimum of 50mm of fiber exits the fan tubing. Unscrew boot from rear of connector and slide onto fan tubing.
2. Slide included 900µm build tube section onto 900µm fan tubing.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Use only finger tips/nails to gently remove “Soft Peel” 250µm coating completely to fan tubing. ¹
5. Cleave fiber measuring from fan tubing. For SSF™ ST=12mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Install dust cap.
8. Secure build up tube in the rear channel of connector, ensure fiber is straight. Slide boot forward and tighten until secure.

**250µm SSF™ FIBER**

1. Unscrew boot from rear of connector and slide onto 250µm fiber.
2. Slide included 250µm build tube section onto 250µm fiber.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Use only finger tips/nails to gently remove “Soft Peel” 250µm coating. ¹
5. Cleave fiber measuring from “Soft Peel” 250µm coating. For SSF™ ST=12mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Install dust cap.
8. Secure build up tube in the rear channel of connector, ensure fiber is straight. Slide boot forward and tighten until secure.

¹ SSF™ Fiber does not require the use of alcohol cleaning as the glass fiber is not exposed. Remove the soft peel coating completely from all sides of the fiber with fingers only. Do not use strippers.
ST Connector with TRADITIONAL FIBER

THE STEPS ON THIS CARD DO NOT APPLY TO SSF™ FIBERS.
For SSF™ instructions, refer to other side.

2-3.0mm TRADITIONAL FIBER

1. Unscrew boot from rear of connector and slide onto 250µm fiber.
2. Using strippers remove approximately 50mm / 2” of cable jacket.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Using 125µm stripper opening, start from fiber end, remove buffer and clear acrylate coating in ~10mm increments to within 19mm of jacket. Clean bare fiber with alcohol to a squeak.
5. Cleave fiber measuring from cable jacket. For ST = 10mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Install dust cap.
8. Secure build up tube in the rear channel of connector, ensure fiber is straight. Slide boot forward and tighten until secure.

900µm TRADITIONAL FIBER

1. Unscrew boot from rear of connector and slide onto 900µm buffered fiber.
2. Place 900µm build-up tube onto 900µm buffered fiber.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Using 125µm stripper opening, start from fiber end. Remove buffer and clear acrylate coating in 10mm increments to 30mm mark. Clean bare fiber with alcohol to a squeak.
5. Cleave fiber measuring from 900µm buffer coating. For SC = 10mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Install dust cap.
8. Secure build up tube in the rear channel of connector, ensure fiber is straight. Slide boot forward and tighten until secure.

250µm TRADITIONAL FIBER

1. Unscrew boot from rear of connector and slide onto 250µm fiber.
2. Slide included 250µm build tube section onto 250µm fiber.
3. Remove dust cap from connector. Place connector onto VFL. Slightly raise rear portion of the activator tab.
4. Using 125µm stripper opening, start from fiber end. Remove 250µm clear acrylate coating in 10mm increments to 30mm mark. Clean bare fiber with alcohol to a squeak.
5. Cleave fiber measuring from 250µm acrylate coating. For SC = 10mm. Fiber must extend across both black pads to successfully cleave.
6. Insert fiber into the rear of connector until a slight “bow” is created and the light emitting from connector window dims and/or extinguishes.
7. Push down on the activator tab until you hear or feel a click. Remove from the VFL. Install dust cap.
8. Secure build up tube in the rear channel of connector, ensure fiber is straight. Slide boot forward and tighten until secure.

ALWAYS EXERCISE CARE WHEN HANDLING UNCOATED OPTICAL FIBERS