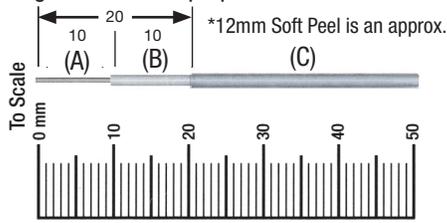
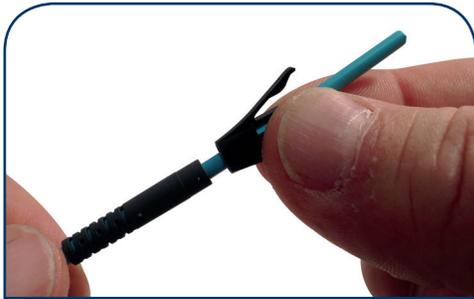
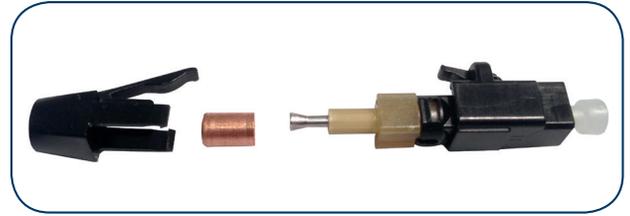


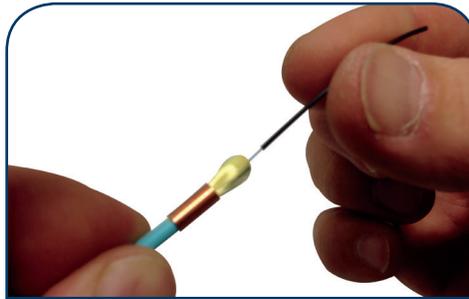
This guide assumes proper selection of connector matching cable type.



- (A) SSF™ Fiber = 125µm
- (B) Soft Peel\* = 250µm
- (C) 2.0mm & 3.0mm Jacket
- \*(A) 10mm from 900/250µm



1. Slide the appropriate boot onto the fiber cable. Slide on the LC trigger after installing the boot.

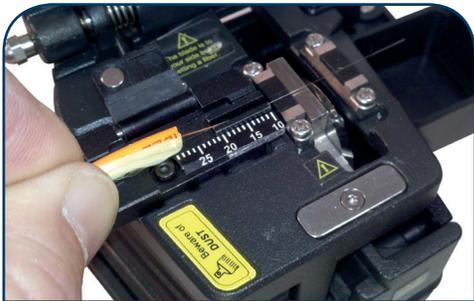


2. Furcation tube installation  
Refer to page 2 for detailed instructions



**Do Not Use Strippers**

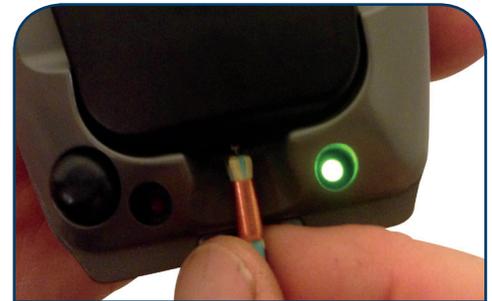
3. Soft peel coating removal  
Refer to page 2 for detailed instructions



4. Cleave fiber to the appropriate measurement. For the Corning type connector this measurement = 20mm from the 2.0 or 3.0mm jacket to fiber



5. Insert fiber into lead-in tube  
Refer to page 2 for detailed instructions



6. Verification light  
Refer to page 2 for detailed instructions

This instructional supplements the installation guide for Corning UniCam® connectors. SSF™ fibers have a integral polymer that provides incredible bend and durability properties with a 250 micron soft peel acrylate. SSF™ fibers can be handled much like typical buffered 900um fibers in both strength and durability. Following the installation steps in the Corning manual and adding or deleting the specific steps as noted for installation with 250um, 900 micron buffered and furcated, or 2.0mm & 3.0mm jacketed cables will provide for ease of installation. This instructional illustrates 2.0mm & 3.0mm installation.

For connector installation, unless your connectors include a 900 micron furcation build up tube, please obtain this part from Cleerline as it is necessary for optimum termination as noted in this instructional.

- Cleerline SSF™ can be terminated per standard connector using soft peel coating for buffer measurement if desired. Our exclusive SSF™ coating allows cleave lengths to be adjusted to simplify the process of termination.
- Dependent upon specific connector model/type activator mechanism may need to be placed in the "open" position.
- SSF™ Fiber does not require the use of alcohol cleaning as the glass is not exposed and is protected with SSF™ proprietary coating. Remove soft peel with fingers only. Alcohol can be used if desired.
- Due to the bend insensitivity of SSF™ fiber, your cleaver may require a wheel height adjustment to be properly cleaved.

Corning UniCam® – 2.0 & 3.0mm Jacketed Cable - \*Follow standard Corning preparation steps unless otherwise noted. Items below refer to the Corning UniCam® installation manual noted by section:

#### Section 4

- 1) Measure and mark standard Corning measurements on the jacket at two points being 40mm (mark #1) from the cable end and 53 mm (mark #2) from the cable end. Remove 40mm of jacket with stripping tool.
- 2) Use the correct opening in the stripping tool for jacket size.
- 3) Use scissors to trim the aramid yarn flush with the end of the outer jacket. (At your mark #1)
- 4) Remove 13mm of jacket at mark #2 exposing 13mm of aramid yarn using stripping tool.
- 5) Fold the yarn back over the cable jacket and slide the crimp ring about 5mm down the cable to hold it out of the way.
- 6) In place of steps #6 thru # 8 in the installation manual perform the following SSF™ specific steps (refer to page 1 for “Figure A through E” callouts):

**Figure A.** Slide a piece of 40mm long furcation tubing onto the SSF™ fiber to build up to 900 micron. If not supplied with your particular connector this tubing can be obtained at [www.clrtec.com](http://www.clrtec.com). Slide the piece of tubing onto the SSF™ 250um fiber. Push the tubing into the jacketed cable leaving 6mm exposed.

**Figure B.** Gently remove the “Soft Peel” coating with finger tips to within 10mm of jacket. Upon completion extend the furcation tubing out of the cable jacket to this same 10mm.  
**Do not attempt to remove 250um soft peel coating with fiber strippers.**

#### Section 5 - SSF™ Specific Instruction - refer to Figure C on page 1:

**Figure C.** The Corning FBC-015 typically cannot cleave SSF™ fiber due to the fiber’s polymer coating which increases bend and extreme durability. Cleave the fiber with a precision wheel cleaver for the best cleave possible.

#### Section 6 - SSF™ Specific Instruction - refer to Figure D & E on page 1:

**Figures D & E.** Follow standard connector termination steps using the TPA-2801 [or TPA-2802] for inserting the cleaved fiber, maintaining a bow in the fiber, activating the cam button, obtaining a green verification light, followed by rotating the crimp knob to secure the crimp sleeve.

Completing the Connector Assembly – Jacketed Cable - follow standard Corning installation steps – Section 6.2 of the installation manual:

- 1) Ensure the ferrule dust cap is installed
- 2) Hold the cable and slide the crimp ring back away from the connector along the cable jacket to free the aramid yarn.
- 3) Flare the yarn around the connector. The ends of the yarn should just touch the back of the square cam. If the yarn is too long, trim to length.
- 4) Hold the connector and push the crimp ring over the aramid yarn and against the back of the connector’s cam.
- 5) Place the connector crimp ring into the opening of the crimp tool jaws.
- 6) Squeeze the handles until they automatically release indication completion of crimp.
- 7) Proceed to the description of your connector type for complete connector assembly.

Section 6.2.2 - Slide the trigger up to the back of the connector and latch its arms into the windows of the housing. While holding the connector by the front dust cap, slide the correct strain-relief boot up the back of the connector and under the trigger until it stops.