



Fiber Termination Guide

Install Tool

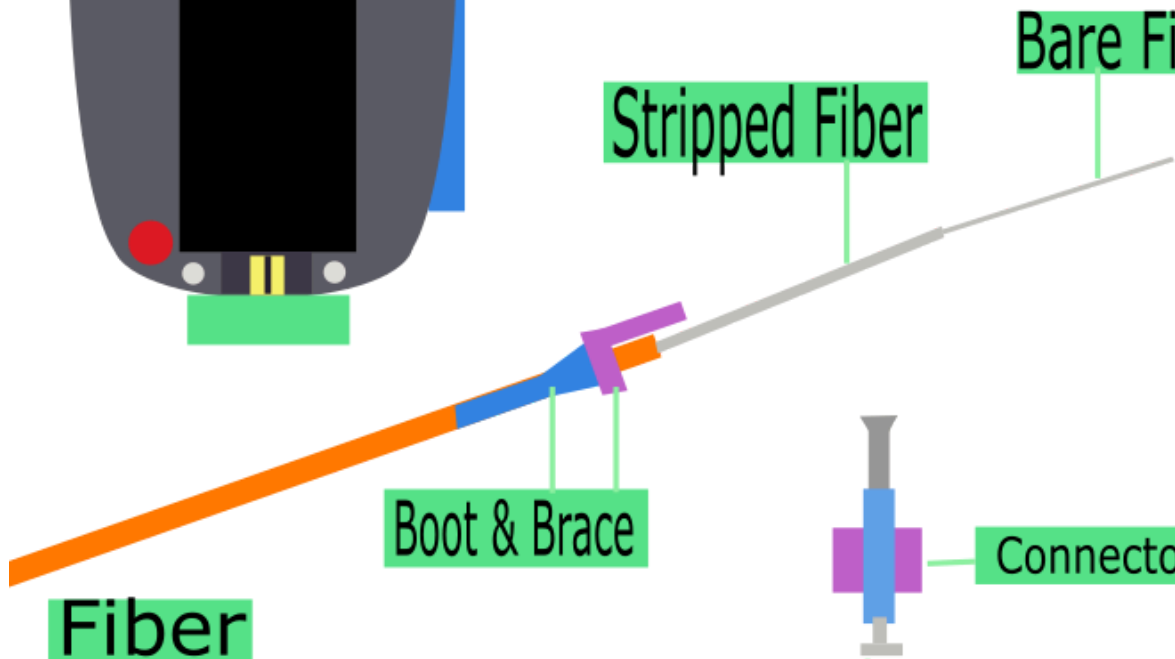


Cleaver



Bare Fiber

Stripped Fiber



Boot & Brace

Connector

Fiber

Guard

Corning UniCam Connector Termination Guide

Required Items

- Corning **UniCam Connector** (SC, LC, or ST)
 - Corning **Tool Kit**, including:
 - Precision cleaver
 - Fiber holder and installation tool
 - Strippers, scissors, wipes, alcohol
 - Safety glasses
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Step 1: Cable Prep

1. Measure cable and cut to required length.
 2. Strip **outer jacket**. Leave Roughly 2-3 Ft of Fiber for termination.
 3. Trim Kevlar strength members ensuring Fiber is not cut.
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Step 2: Strip & Clean Fiber

1. Slide **BOOT** and **BRACE** onto the strand you are terminating First (**Will have to start over if this step is missed**)
 2. **Using the fiber stripping tool, utilize the designated slots for stripping different types of fiber.**
 3. Strip ~2 inches of coating to expose **Stripped glass**.
 4. Strip buffer from entire length of **Stripped Glass** to expose the **Bare Glass**
 5. Clean fiber with an alcohol wipe (wipe away from **Boot**) until it squeaks.
 6. Place into the **cleaver**.
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Step 3: Cleave Fiber

1. Cleave fiber to the required length (the Corning cleaver sets this automatically).
 1. Hold both side buttons and Insert **Bare Fiber** into the device using the sliding tray. Release buttons to secure.
 2. Press Buttons in this order to cleave. **Red, Blue, Black**
2. Dispose of scrap fiber in the safety bin.

(The glass is very sharp and breaks easily use caution)

Step 4: Load Fiber into Connector

1. Place **connector** into the **installation tool** (the tool has a slot for this).
 2. Insert the prepared fiber into the connector until it **bottoms out**. Keep applying small amount pressure until you **Cam** the device using the **Blue** button on the side
 3. Watch the fiber indicator light on the bottom right of the installation tool. This will glow Green on a valid Termination or Red in a fail.
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Step 5: Activate Connector

1. Rotate the **install tool's lever** at the bottom of the device **clockwise** to activate the connector's internal mechanical splice.
 2. Release and remove the connector from the tool.
 3. Replace the **Fiber Guard** to ensure a clean tip.
 4. Slide the **boot** and **brace** forward over the back of the connector.
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Step 6: Verification

1. Utilize the Fluke to test and certify your fiber connections.