STEP-BY-STEP GUIDE

TERMINATION AND ASSEMBLY
OF PRE-POLISHED SC, LC AND
ST FIBER CONNECTORS

250 µM AND 900µM FIBER/CABLE

BLACK BOX 24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM
SC CONNECTORS

<table>
<thead>
<tr>
<th>FIBER TYPE</th>
<th>COLOR</th>
<th>BLACK BOX PART NUMBER</th>
<th>PACK OF 6</th>
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<tbody>
<tr>
<td>MULTIMODE 62.5/125 MM, OM1</td>
<td>BEIGE</td>
<td>PP-SC-625MM-6PAK</td>
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<tr>
<td>MULTIMODE 50/125 MM, OM2</td>
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<td>PP-SC-50MM-6PAK</td>
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<tr>
<td>MULTIMODE 50/125 MM 10G, OM3</td>
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<td>PP-SC-50MM-10G-6PAK</td>
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<tr>
<td>SINGLE-MODE, UPC</td>
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<td>PP-SC-SM-6PAK</td>
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LC CONNECTORS

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ST CONNECTORS

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TOOL KIT

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<th>ITEM DESCRIPTION</th>
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<tr>
<td>UNIVERSAL TOOL KIT WITH CLEAVER</td>
<td>CS0001201</td>
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250 µm FIBER TERMINATION

1: Insert the clear protective tubing, 250 µm protective tubing and 900 µm boot onto the fiber.
2: Strip 35 mm of 250 µm coating from the fiber.
3: Clean the fiber with a lint-free wipe and fiber preparation fluid.
4: Set the fiber on the cleaver at the 10.5 mm cleave length. Cleave the fiber.

TERMINATION OPTION A: MANUAL

1: Squeeze top and bottom of the wedge to ensure that it is engaged.
2: Insert fiber into connector. Bring 250 µm protective tubing forward. Create a slight bend in the fiber to maintain connection.
3: Release the wedge clip by squeezing both sides. Remove the wedge clip.
4: Slide the boot onto the connector body. Bring the clear protective tubing forward over the end of the 250 µm protective tubing. Termination is complete.

TERMINATION OPTION B: VISUAL FAULT IDENTIFIER (VFI)

1: Squeeze top and bottom of the wedge to ensure that the wedge is engaged.
2: Remove the dust cap. Insert the connector into the VFI. Window 1 of the wedge clip will glow red.
3: Insert the fiber into the connector with the mark facing up. The light will dim when a connection is made.
4: Release the wedge clip by squeezing both sides. Remove the wedge clip.
5: Slide the boot onto the connector body. Bring the clear protective tubing over the end of the 250 µm protective tubing. Termination is complete.

FOR ST ONLY

Apply the connector housing to the connector body. You will not be able to re-engage the wedge clip after the housing is applied.
900 µm FIBER TERMINATION

1: If you are using a 900 µm fanout/breakout kit, place into 900 µm cable clamp about 10" from the end of the cable.

2: Place the 900 µm boot on the cable.

3: Strip 35 mm of 900 µm and 250 µm coating off.

4: Clean the fiber with a lint-free wipe and fiber preparation fluid.

5: Set the fiber on the cleaver at the 10.5 mm cleave length. Cleave the fiber.

TERMINATION OPTION A: MANUAL

1: Squeeze top and bottom of the wedge to ensure that it is engaged.

2: Insert the fiber into the connector with mark facing up. Create a slight bend in the connector to maintain connection.

3: Release the wedge clip by squeezing both sides. Remove the wedge clip.

4: Slide the boot onto the connector body. Termination is complete.

TERMINATION OPTION B: VISUAL FAULT IDENTIFIER (VFI)

1: Squeeze top and bottom of the wedge to ensure that the wedge is engaged.

2: Remove the dust cap. Insert the connector into the VFI. Window 1 of the wedge clip will glow red.

3: Insert the fiber into the connector with the mark facing up. The light will dim when a connection is made.

4: Release the wedge clip by squeezing both sides. Remove the wedge clip.

5: Slide the boot onto the connector body. Termination is complete.

FOR ST ONLY

Apply the connector housing to the connector body. You will not be able to re-engage the wedge clip after the housing is applied.