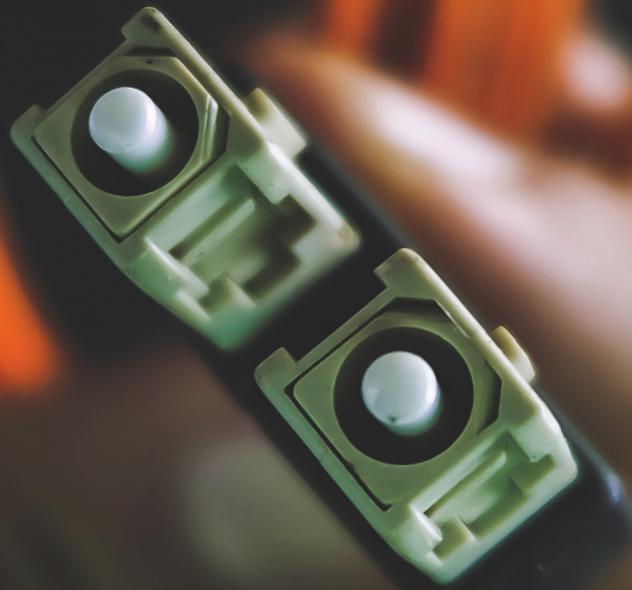


STEP-BY-STEP GUIDE

250 μ M AND 900 μ M FIBER/CABLE

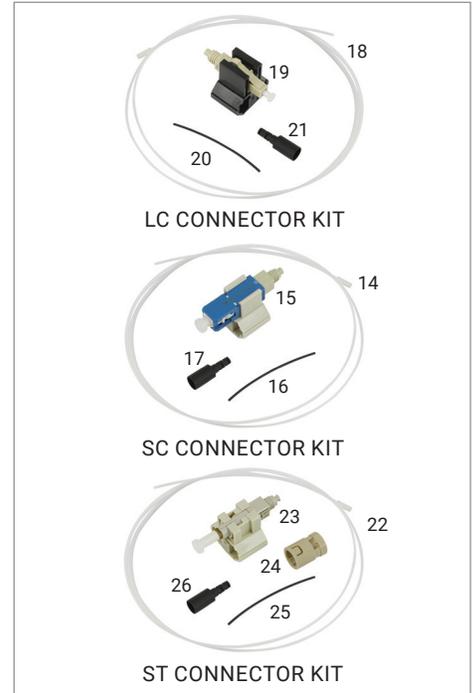
TERMINATION AND ASSEMBLY OF PRE-POLISHED SC, LC AND ST FIBER CONNECTORS



BLACK BOX

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM

MATERIALS



- | | | | |
|----------------------------|------------------------------|-----------------------------|-----------------------------|
| 1. BLUE TOOL BAG | 8. 2 MM CABLE CLAMP | 15. SC CONNECTOR | 21. 900 MM BOOT |
| 2. FIBER PREPARATION FLUID | 9. 3 MM CABLE CLAMP | 16. 250 MM TUBING | 22. CLEAR PROTECTIVE TUBING |
| 3. LINT-FREE WIPES | 10. MARKER | 17. 900 MM BOOT | 23. ST CONNECTOR |
| 4. CLEAVER | 11. KEVLAR® SCISSORS | 18. CLEAR PROTECTIVE TUBING | 24. ST CONNECTOR HOUSING |
| 5. STRIP TEMPLATE | 12. FIBER STRIPPER | 19. LC CONNECTOR | 25. 250 MM TUBING |
| 6. ASSEMBLY TOOL | 13. TERMINATION INSTRUCTIONS | 20. 250 MM TUBING | 26. 900 MM BOOT |
| 7. 0.25/0.9 MM CABLE CLAMP | 14. CLEAR PROTECTIVE TUBING | | |

ORDERING INFORMATION

SC CONNECTORS		
FIBER TYPE	COLOR	BLACK BOX PART NUMBER PACK OF 6
MULTIMODE 62.5/125 MM, OM1	BEIGE	PP-SC-625MM-6PAK
MULTIMODE 50/125 MM, OM2	BLACK	PP-SC-50MM-6PAK
MULTIMODE 50/125 MM 10G, OM3	AQUA	PP-SC-50MM-10G-6PAK
SINGLE-MODE, UPC	BLUE	PP-SC-SM-6PAK

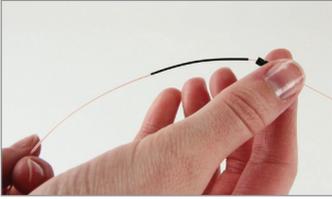
LC CONNECTORS		
FIBER TYPE	COLOR	BLACK BOX PART NUMBER PACK OF 6
MULTIMODE 62.5/125 MM, OM1	BEIGE	PP-LC-625MM-6PAK
MULTIMODE 50/125 MM, OM2	Black	PP-LC-50MM-6PAK
MULTIMODE 50/125 MM 10G, OM3	AQUA	PP-LC-50MM-10G-6PAK
SINGLE-MODE, UPC	BLUE	PP-LC-SM-6PAK

ST CONNECTORS		
FIBER TYPE	COLOR	BLACK BOX PART NUMBER PACK OF 6
MULTIMODE 62.5/1 25 MM, OM1	BEIGE	PP-ST-625MM-6PAK
MULTIMODE 50/125 MM, OM2	BLACK	PP-ST-50MM-6PAK
MULTIMODE 50/125 MM 10G, OM3	AQUA	PP-ST-50MM-10G-6PAK

TOOL KIT	
ITEM DESCRIPTION	BLACK BOX PART NUMBER
UNIVERSAL TOOL KIT WITH CLEAVER	CS0001201



250 μ m FIBER TERMINATION



1: Insert the clear protective tubing, 250 μ m protective tubing and 900 μ m boot onto the fiber.



2: Strip 35 mm of 250 μ m coating from the fiber.



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

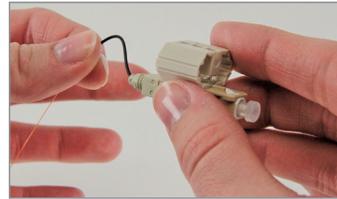


4: Set the fiber on the cleaver at the 10.5 mm cleave length. Cleave the fiber.

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 μ m 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.

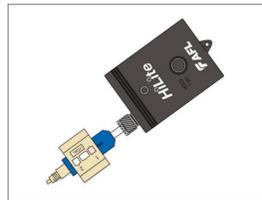


4: Slide the boot onto the connector body. Bring the clear protective tubing over the end of the 250 μ m protective tubing. Termination is complete.

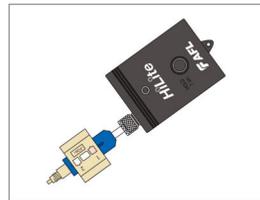
TERMINATION OPTION B: VISUAL FAULT IDENTIFIER (VFI)



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.

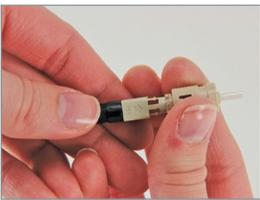


4: Release the wedge clip by squeezing both sides. Remove the wedge clip.



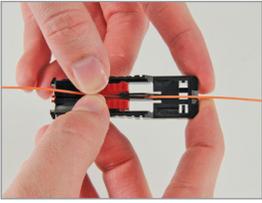
5: Slide the boot onto the connector body. Bring the clear protective tubing over the end of the 250 μ m protective tubing. Termination is complete.

FOR ST ONLY

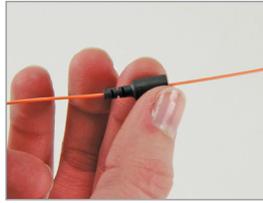


Apply the connector housing to the connector body. You will not be able to re-engage the wedge clip after the housing is applied.

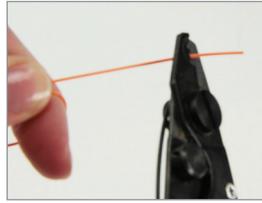
900 μ m FIBER TERMINATION



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



2: Place the 900 μ m boot on the cable.



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



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

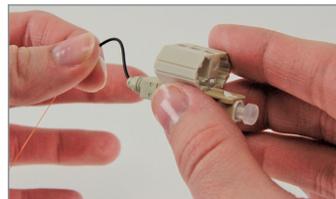


5: Set the fiber on the cleaver at the 10.5 mm cleave length. Cleave the fiber.

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.

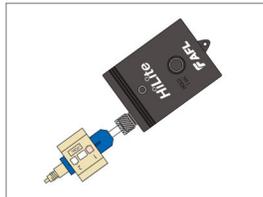


4: Slide the boot onto the connector body. Termination is complete.

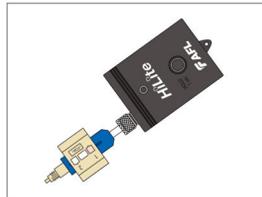
TERMINATION OPTION B: VISUAL FAULT IDENTIFIER (VFI)



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



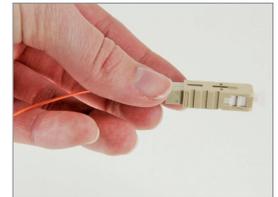
2: Remove the dust cap. Insert the connector into the VFI. Window 1 of the wedge clip will glow red.



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.