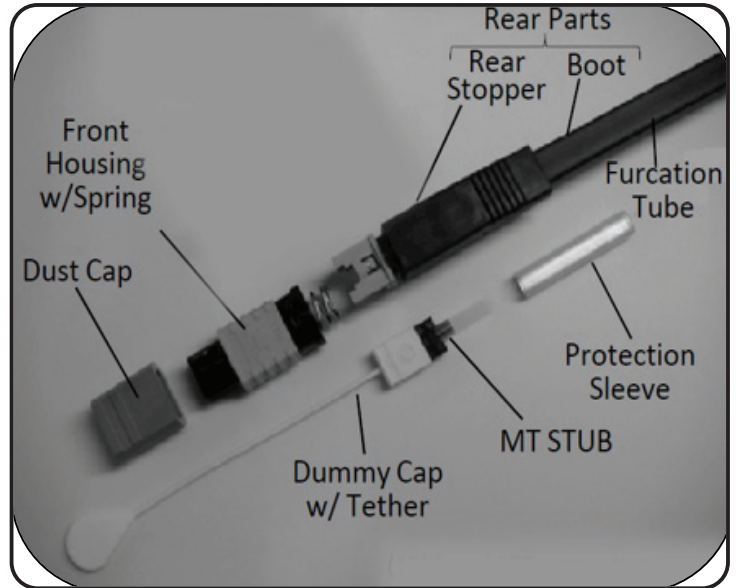
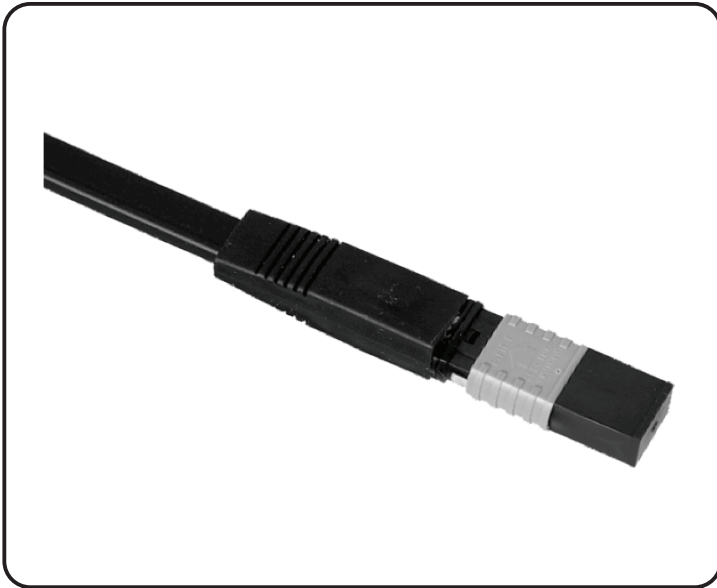


OptiFuse MPO SPLICE-ON Connector Instructions



Fusion Splicer Type-O101-M12 (T-71M12)	Fiber Cleaver FC-6RM etc.
Fiber Holder FHM-12 (For 12c Fiber)	Jacket Remover JR-6
Cord Tool LYNX2-CORDTOOL-2&3	Kevlar Cutter

Tools

1 Set Fusion Condition
 Push and hold the "power button" for more than 1 sec.

Note: See operation manual of T-71M12

2 From the main menu press select fiber type.

Note: See operation manual of T-71M12

3 After selecting fiber type press "Return".

Note: See operation manual of T-71M12

4 Select 12 strand and press "Return"

Note: See operation manual of T-71M12

5 From the main menu select Sleeve type.

Note: See operation manual of T-71M12

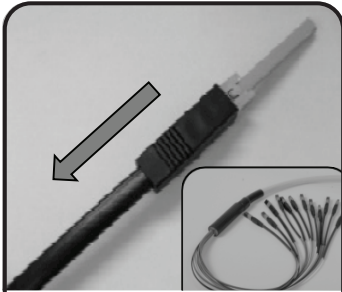
6 Select MPO Sleeve type and press "Return".

Note: See operation manual of T-71M12

7 Set Fusion Condition
 From the main menu select Arc test "on". A sample section of ribbon fiber is provided with the connector for this purpose.

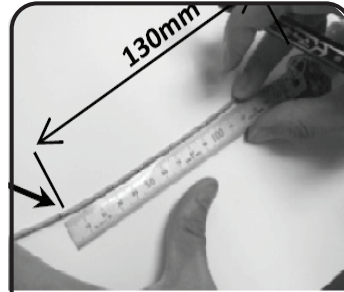
Note: See operation manual of T-71M12

OptiFuse MPO SPLICE-ON Connector Instructions



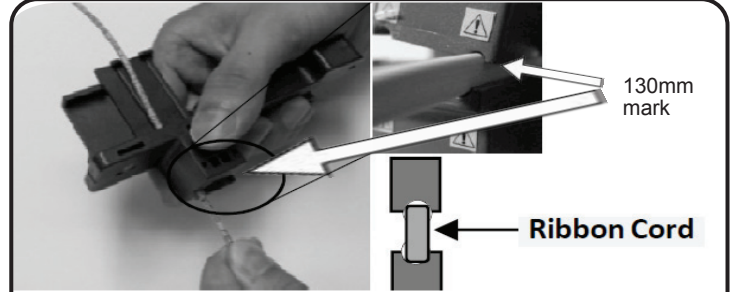
Slide rear parts onto the ribbon cord.

8



Cut legs to desired length.
Mark off at 130mm from end of cord.

9

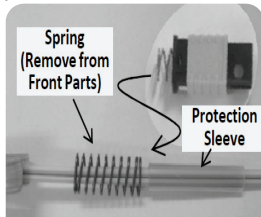


Use LYNX2-CORDTOOL-2&3 to make a slit in cord.
Set the Ribbon cord on "3mm" groove perpendicularly at 130mm mark as shown and pull tool toward the end of the cord.

10

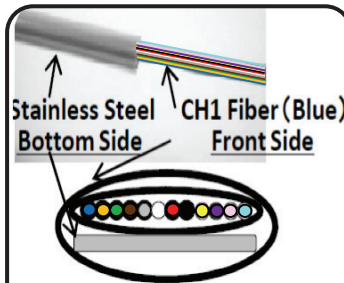


Fold back the inner jacket, Kevlar yarn, and outer jacket to the marked 130mm line and secure with tape.



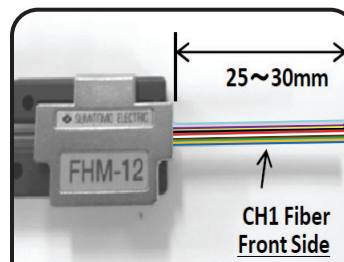
Slide spring and then heat shrink protection sleeve onto the ribbon

11



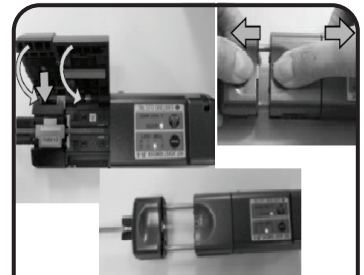
Orient sleeve as shown above.

12



Set ribbon fiber in fiber holder with between 25 and 30mm exposed as shown.

13



Remove the ribbon coating using the JR-6 unit. Ensure unit is set to high temperature for best results.

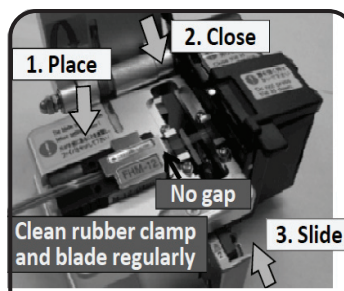
14



Moistened with alcohol

Use a fiber optic cleaning paper moistened with alcohol to remove any debris. Gently pull away from jacket.

15

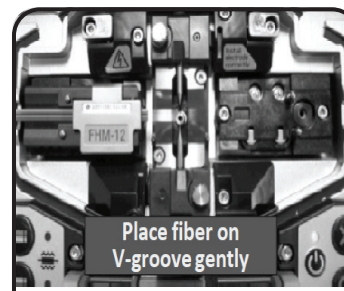


Cleave the fiber using the FC-6M cleaver.

16

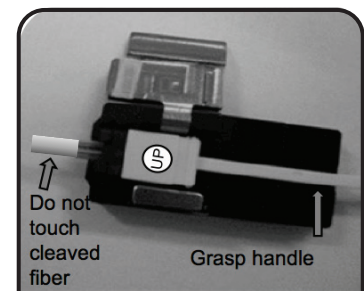


Note: The FC-8R cleaver can also be used with same steps



Place the fiber holder with the cleaved fiber into the fusion splicer on the left hand side.

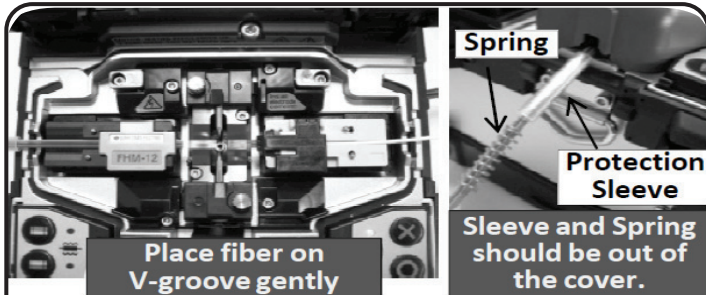
17



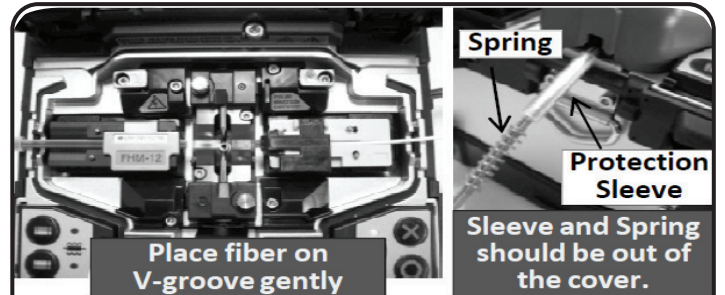
Place MT STUB into holder with "UP" text facing upwards. After stub is set in the holder, close the holder covers.

18

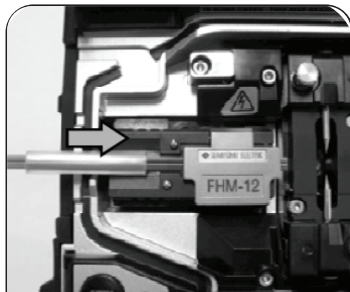
OptiFuse MPO SPLICE-ON Connector Instructions



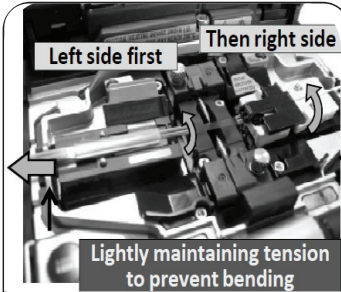
- 19** Place the fiber holder with the MT-STUB into the fusion splicer on the right hand side. Close the Fusion splice cover. Ensure that the heat shrink tube and spring are outside of the cover.



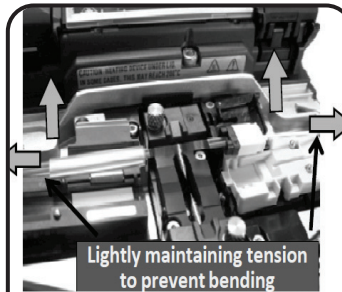
- 20** If fiber position does not align, remove affected splice holder and gently replace it into the splicer. To begin splice process press the start icon.



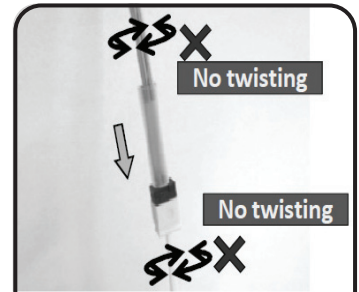
- 21** After the splicing procedure is complete slide the heat shrink sleeve to the holder



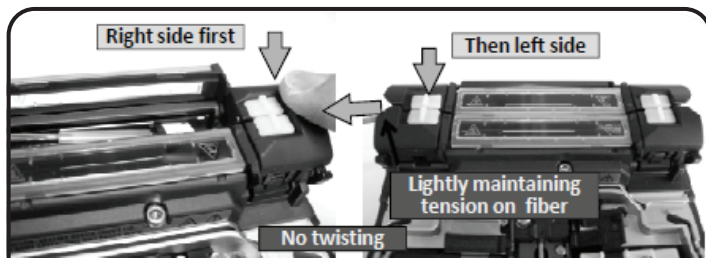
- 22** While lightly maintaining tension open the left splice holder cover first and then open the right hand cover.



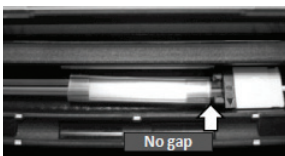
- 23** Continue to maintain tension and gently remove the splice stub from the splice unit.



- 24** Gently slide the heat shrink sleeve to the MT STUB. Ensure that the sleeve is not twisted.



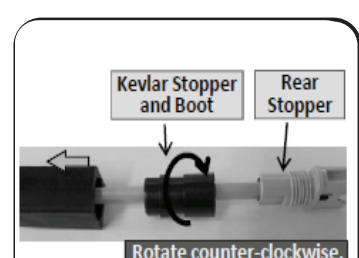
- 25** Gently set sleeve into heater.



Ensure sleeve is in position with metal side of sleeve flat on bottom of heat chamber before proceeding with heating.

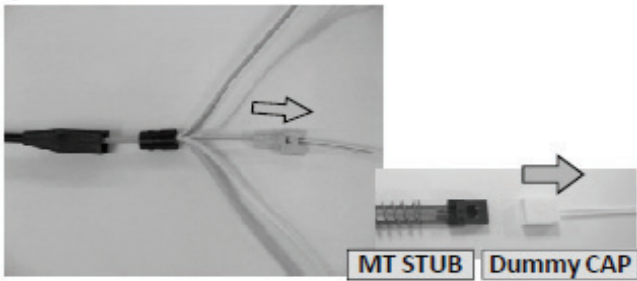


- 26** Press the heater button to commence heating process.

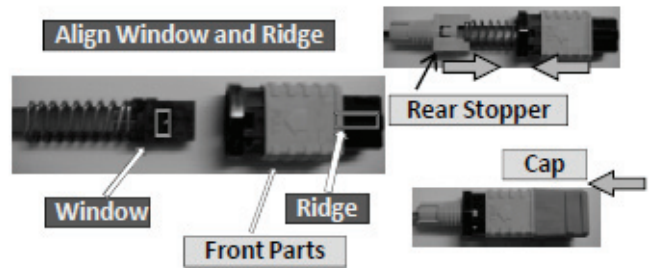


- 27** Disassemble rear parts. Be sure to pull the boot off the Kevlar stopper before unscrewing from rear stopper.

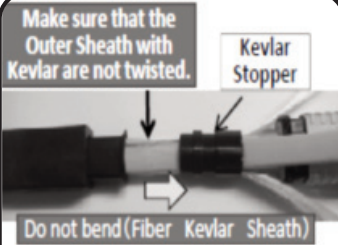
OptiFuse MPO SPLICE-ON Connector Instructions



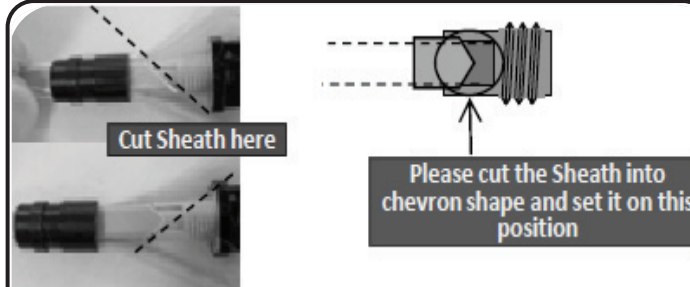
28 Slide rear parts and remove dummy cap. Cut outer jacket (thinner wall) 1-2 in. back.



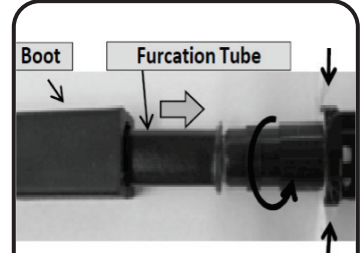
29 Remove front housing dust cap. Insert MT STUB into front housing. Align window in MT STUB with key ridge in front housing. Gently slide spring over the heat shrink sleeve. Ensure spring seats inside rear stopper. Gently push Rear Stopper forward until a "click" is heard. Place dust cap over end of connector to protect end face.



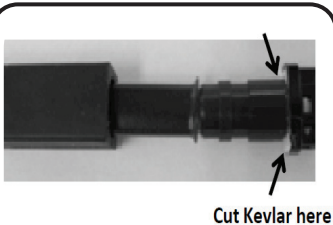
30 Slide the Kevlar stopper forward.



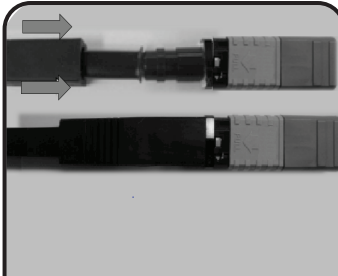
31 Carefully cut the jacket sheaths in a chevron shape and place on either side of the rear kevlar stopper as shown above.



32 Bring the parts/components closer to each other and straighten the fibers covered with the Kevlar in the sheath. Screw Kevlar stopper to rear stopper.



33 When Kevlar stopper is fully tightened cut excess Kevlar flush to housing.



34 Slide the furcation tube boot forward (do not twist) until fully seated.



To assist safe installations, comply with the following:

- A. Use caution when installing or modifying telecommunications circuits.
- B. Never touch uninsulated wire terminals unless the circuit has been disconnected.
- C. Never install this device in a wet location.
- D. Never install wiring during a lightning storm.

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