

EZ!Fuse™ 2 mm /3 mm SC SOC assembly procedure using EZT-01



1. Slide the stopper + boot assembly onto the cord.



2. Load ferrule housing into the ferrule holder. Push until it clicks. Load the ferrule holder onto the right carriage of the splicer.



3. Set the dial on the Fitel EZT-01 to 13.



4. Ring cut and remove the outer jacket at 13mm.



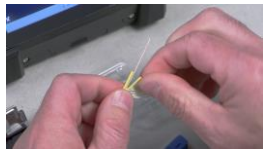
5. Remove the aramid yarn at 13mm.



6. Ring cut and remove the outer jacket at 26mm.



7. Split the outer jacket lengthways at 45mm.



8. Fold the aramid yarn back, placing one half on each side of the cord.



9. Slide the splice protection sleeve over the cord and aramid yarn.



10. Mark the 900µm buffered fiber at 23mm. If the fiber is curved, mark on the back side of the fiber.



11. Remove the primary 900µm and secondary 250µm coating of the buffered fiber at 23mm.



12. Fold back the outer jacket and load the cord into holder.



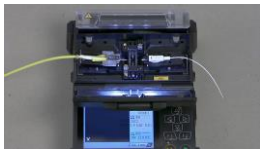
13. Use measuring line to ensure that exactly 7mm of coating protrudes from the extreme end of the holder.



14. Lock the cord into place by pushing cord firmly into the holder back plate slit.



15. Clean the bare fiber with a cleaning wipe and fiber prep fluid. Clean the fiber.



16. Load the cordage holder onto the left carriage of the splicer. Splice the fibers.



17. Remove the cord from the left cordage holder and release the ferrule from its ferrule holder on the right.



18. Slide the protection sleeve towards the ferrule housing unit. Make sure that the sleeve is covering the 900µm buffered fiber on both sides. Make sure the sleeve is against the housing.



19. Fold back the aramid yarn. Put the ferrule housing unit into the heater, centering the protection sleeve in the heater. Make sure that the vertical slit is facing up.



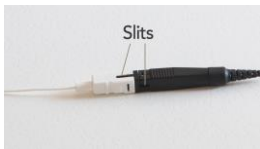
20. When the splicer beeps, the shrink process is complete. Confirm complete shrinkage of the protection sleeve.



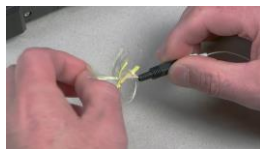
21. Unscrew nut of the boot assembly from the stopper.



22. Put the aramid yarn tightly into the outer jacket then slide the stopper towards ferrule housing.



23. Align the slits at 90 degrees.



24. Pull out the outer jacket and aramid yarn from the tail of the stopper.



25. Twist the stopper 90 degrees until it clicks.



26. Spread the aramid yarn over the tail of the stopper and hold the aramid yarn in place by sliding the clamp over the outer jacket and aramid yarn.



27. Slide the boot towards the stopper and screw on the nut.



28. To complete the assembly, push the grip (with the direction of the same inner shape) onto the housing until it clicks.



29. Connector is complete.

For supporting videos please visit: www.ofsoptics.com/capabilities/fusion-splacers/

