For your safety operation

The Lynx-CustomFit® Splice-On Connector is designed and manufactured to assure personal safety. Improper operation can result in bodily injury and serious damage to this product. Please read and observe all warnings instructions given in this operation manual.

- **Wear safety glasses** to protect your eyes when handling optical fiber.
- **Never look into** the end of a microscope or optical cable connected to an optical output device that is operating. Laser radiation is invisible, and direct exposure can severely injure the human eye.
- **Alcohol is flammable**, causes irritation and is harmful if swallowed or inhaled. Keep alcohol away from heat, sparks, skin, and avoid contact with eyes.

In the case of the work at the high place, please be careful not to drop an assembling tool.

### Composition

- Front Housing
- Disposable Holder (*1)
- Ferrule Subassembly
- Boot
- Protection Sleeve
- Spring

(*1) 1 pc / 1set connectors

### Assembling Tools

- Fiber Holder LYNX2-UML-S
- Cord Tool LYNX2-CORDTOOL

Below tools are required.

- Fusion Splicer T-Q101-CA, etc.
- Fiber Cleaver FC-65-C, etc.
- Jacket remover JR-M03, etc.
- Kevlar Cutter

Below equipments or tools are examples.

### Recommended Program

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SMF : G.652, G.657
MMF : MM50(OM2), MM50(OM3), MM50(OM4), MM62.5(OM1)

### Precautions

1. Improper assembly will result in a loss of performance. Please read instructions given in this operation manual and the operation manual of the fusion splicer.
2. Never touch the fiber of the stub. It has been inspected in the factory.
3. The product is sensitive to dirt or dust. Do not take out any parts from the package until it is to be used.
4. The characteristic will be influenced by the fiber cleaved surface condition. Please use a cleaver which has a good cleaving characteristic.
5. Do not remove the dust cap until the connector has been completely assembled in order not to cause a high insertion loss due to them.

Please perform Arc test prior to the splicing operation. (See the operation manual of the splicer.)

*Fiber for testing is not included in the kit.

Please check fiber type inside the field fiber.
(A) Set Fusion Condition

- Push "power key" for more than 1 sec.
- "Main Menu" Select Fiber Type

(B) Perform Arc Test

- Select "Arc Test" according to the instruction.
- Fiber for testing is not included in the kit.

See the operation manual of each splicer. These are the example of T-Q101-CA (T-71C).

1. Slide Rear Parts and remove the Slit tube.

2. Open Cord Tool and set the cord on the proper groove. Rotate the cord, then remove the outer sheath.

3. Set the cord on the proper groove. Mark on the 900um fiber.

4. Grip Cord Tool and pull the cord. Then the outer sheath is separated into two pieces.

5. Slide Protection Sleeve onto the cord.

6. Cut the Kevlar.

7. Remove the fiber coating from the marking point. (JR-M03)

8. Clean the fiber with lint-free cleaning wipe.

9. Set the fiber on the holder.

10. Cleave the fiber (FC-65)

11. Set fiber holder on the splicer (Left side).

12. Pick up the stub and set the stub on the plastic holder.

13. Set stub holder on the splicer (Right side).


15. Open the stub and fiber holders.

16. Pick up the spliced fiber.

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LYNX2-LC for Optical Cord with Tight Buffered Fiber
Assembly Procedure

(17) Slide Protection Sleeve until it covers the projection of the flange.

(18) Slide the spring onto separated sheath.

(19) Set Sleeve into the heater.

(20) Confirm the position before heating.

(21) Heat Protection Sleeve.

(22) Pick up Sleeve.

(23) Slide Rear Parts.

(24) Disassemble Boot & Kevlar Stopper and Rear Stopper.

(25) Key Alignment.

(26) Assemble the housing.

(27) Pull outer sheath and Kevlar from Rear Stopper.

(28) Slide the Boot and Kevlar Stopper.

(29) Push the Kevlar stopper lightly.

(30) Secure Kevlar by Kevlar stopper.

(31) Cut the tether.

(32) Complete.