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.

**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 an high insertion loss due to them.

**Composition**

- Disposable Holder (*1)
- Spring
- Rear Stopper
- Boot
- Inner Housing
- Outer Housing
- Ferrule Subassembly
- Protection Sleeve

(*1) 1 pc / 100 connectors

**Assembling Tools**

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

**Recommended Program**

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

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.

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**LYNX2-SC for Optical Cord with Tight Buffered Fiber Assembly Procedure**

**A) Set Fusion Condition**
- Push "power key" for more than 1 sec.
- "Main Menu" Select Fiber Type

**B) Perform Arc Test**
- Then perform the arc test according to the instruction.
- Fiber for testing is not included in the kit. Please check fiber type inside the field fiber.

**1) Slide Rear Parts and remove the Slit tube.**
- Spring with Slit tube
- Stay the spring

**2) Open Cord Tool and set the cord on the proper groove. Rotate the cord, then remove the outer sheath.**
- Contact the top to the wall
- Remove the sheath

**3) Set the cord on the proper groove. Mark on the 900um fiber.**
- Open Cord Tool and set the cord.
- Sheath edge is here

**4) Grip Cord Tool and pull the cord. Then the outer sheath is separated into two pieces.**
- Grip Here
- Pull the cord
- Separated

**5) Slide Protection Sleeve onto the cord.**
- Insert fiber into this hole
- 2mm from the protection sleeve edge

**6) Cut the Kevlar.**
- Mark point
- Hold the fiber tightly by finger

**7) Remove the fiber coating from the marking point. (JR-M03)**
- 0.25 to 0.125mm
- 0.9 to 0.25mm

**8) Clean the fiber with lint-free cleaning wipe.**
- Moistened with alcohol

**9) Set the fiber on the holder.**
- Confirm the position
  - Good
  - No Good
  - No Good

**10) Cleave the fiber (FC-65)**
- No gap
- Clean rubber clamp and blade regularly

**11) Set fiber holder on the splicer (Left side).**
- Place fiber on V-groove gently
- Please discard the parts. (Do not use)

**12) Pick up the stub and set the stub on the plastic holder.**
- Grasp here to pick up
- Push to close
- Do not touch bare fiber

**13) Set stub holder on the splicer (Right side).**
- Place fiber on V-groove gently

**14) Fusion Splice.**
- If the position of the fiber is wrong, set the fiber or stub again.

**15) Open the stub and fiber holders.**
- Lightly holding assembly to prevent bending

**16) Pick up the spliced fiber.**
- Lightly maintaining tension to prevent bending
Confirm the position before heating.

Heat Protection Sleeve.

Pick up Sleeve.

Slide Rear Parts.

Disassemble Boot / Kevlar Stopper and Rear Stopper.

Key Alignment.

Assemble the housing.

Cut Tether

Pull out Outer Sheath and Kevlar from Rear Stopper.

Slide the Boot and Kevlar Stopper.

Cut Tether

Put Outer Housing.

Complete.