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

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

(*1) 1 pc / 100 connectors

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 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.

Assembling Tools

The below holder is required.

- Holder (Fiber Side)
  - LYNX2-S-LB5

Below equipment or tool are examples.

- Fusion Splicer T-Q101-CA(71C), etc.
- Fiber Cleaver FC-6S-C, etc.
- Jacket remover JR-M03, etc.

- Holder Type
- Cleave length: 10mm

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.

Recommended Program

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<td>T-Q101-CA</td>
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<td>(T-71C)</td>
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SMF : G.652, G.657
MMF : MM50(OM2), MM50(OM3), MM50(OM4), MM62.5(OM1)
LYNX2-SC for 900um Loose Buffer Assembly Procedure

(A) Set Fusion Condition
- "Main Menu" Select Fiber Type
- "Main Menu" Select Sleeve Type

(B) Perform Arc Test
- Then perform the 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-O101-CA (T-71C).

(1) Slide Rear Parts onto the fiber.
(2) Slide Protection Sleeve onto the fiber.
(3) Remove secondary coating. Approx. 40mm (JR-M03)
(4) Remove primary coating. Approx. 35mm (JR-M03)
(5) Clean the fiber with lint-free cleaning wipe.

(6) Set the fiber on the holder.
- Do not touch bare fiber

(7) Cleave the fiber (FC-6S)
- No gap
- 1. Close Front Cover
- 2. Close Rear Cover
- 3. Slide

(8) Set fiber holder on the splicer (left side).
- Place fiber on V-groove gently

(9) Pick up the stub and set the stub on the plastic holder.
- Grasp here to pick up
- Do not touch bare fiber

(10) Set stub holder on the splicer (right side).
- Push to close
- Place fiber on V-groove gently

(11) Fusion Splice.
- Button to start splicing
- If the position of the fiber is wrong, set the fiber or stub again.

(12) Open the stub and fiber holders.
- 1. Open Rear Cover
- 2. Open Front Cover
- 3. Open STUB side
- Lightly holding assembly to prevent bending

(13) Pick up the spliced fiber.
- 3-5mm
- 5-7mm
- Lightly maintaining tension to prevent bending

(14) Slide Protection until it covers the projection of the flange.
- Sleeve must cover ends of primary/secondary coating

(15) Set Sleeve into the heater.
- Right side first
- Then left side
- Lightly maintaining tension on fiber

(16) Confirm the position before heating.
- Sleeve at center of heater
- No gap
- Sleeve must cover ends of primary/secondary coating

(17) Heat Protection Sleeve.
- Button to start heating
- Lynx heater program runs a fan to cool the sleeve after heating

(18) Pick up Sleeve.
- Be careful for hot sleeve, spring and flange even after the cooling by fan.

(19) Put Inner Housing.
- Red Triangle
- APC - Red dot
- PC/UPC - Black dot
- Cut Tether

(20) Put Outer Housing.
- Key
- Complete

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