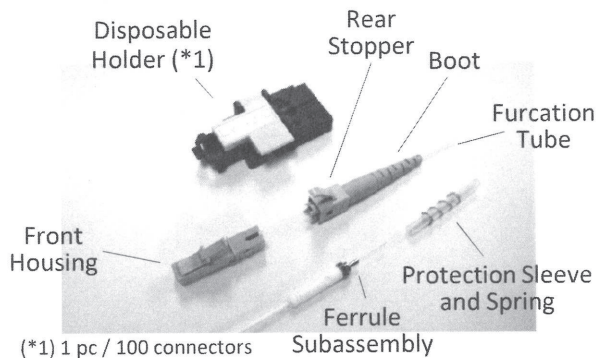


### For your safety operation

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



### Recommended Program

Splicer	Fiber	Splicing Program	Heater Program
T-Q101-CA (T-71)	SMF	SMF Standard	Lynx
	MMF	MMF Standard	
T-QH201e (T-201)	SMF	SMF Standard	Lynx
	MMF	MMF Standard	

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 an high insertion loss due to them.

### Assembling Tools

Either one holder is required.

Holder (Fiber Side)			
for 900um tight buffer		for 250um fiber	
LYNX2-UML-S	FHS-09	FHS-025	LYNX2-S-LB5

Below equipment or tool are examples.

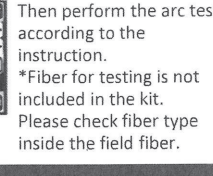
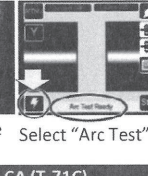
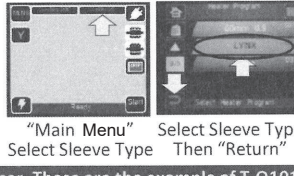
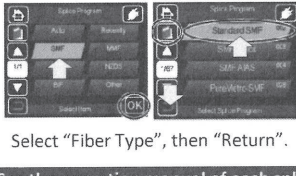
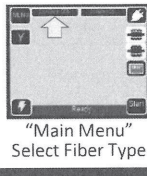
Fusion Splicer	Fiber Cleaver	Jacket remover
T-Q101-CA, etc.	FC-6S-C, etc.	JR-M03, etc.
Holder Type	Cleave length: 10mm	

- 💡 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.



# LC Splice-on Connector for 250um or 900um Tight Buffer Assembly Instructions

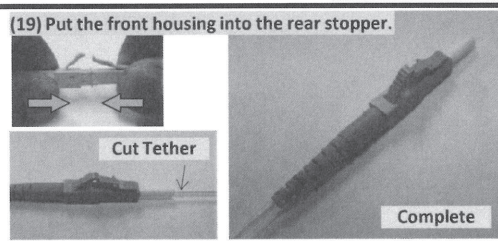
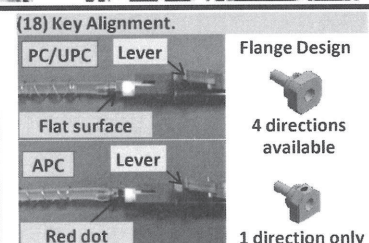
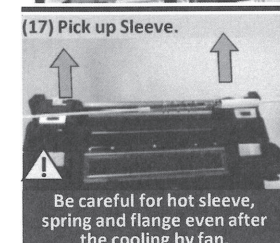
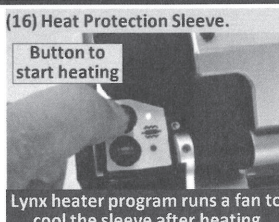
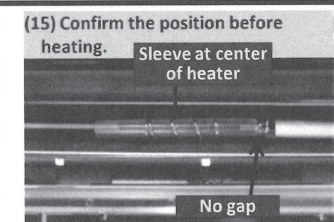
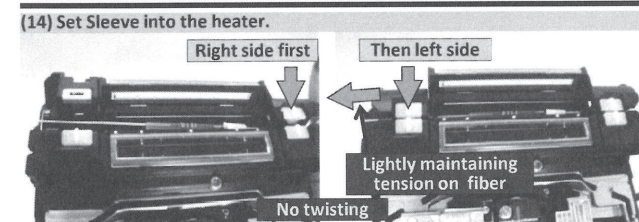
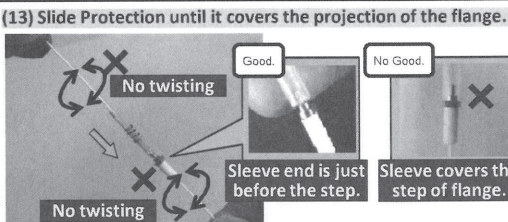
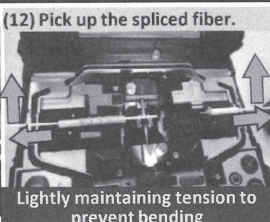
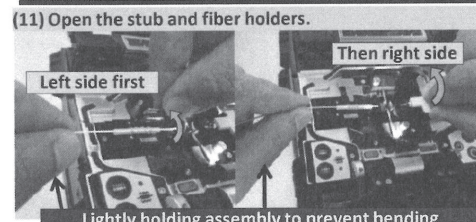
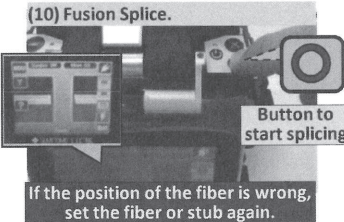
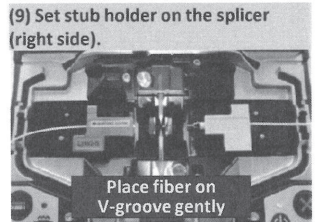
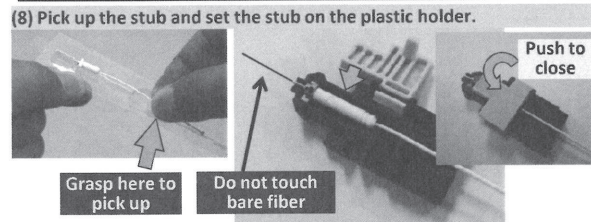
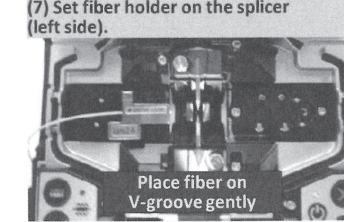
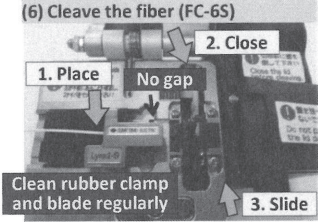
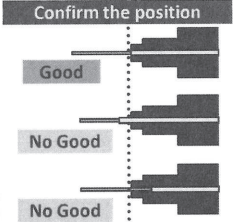
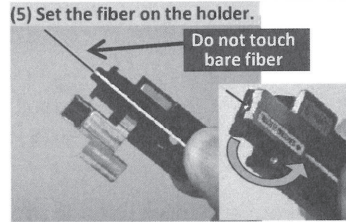
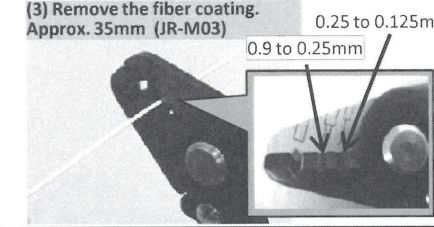
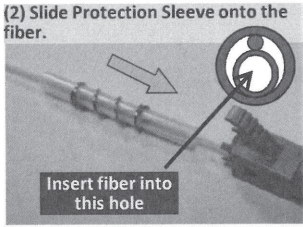
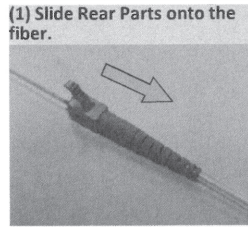
### (A) Set Fusion Condition



### (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.

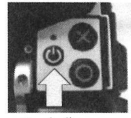
See the operation manual of each splicer. These are the example of T-Q101-CA (T-71C).



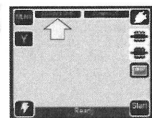


# LC Splice-on Connector for 900um Loose Buffer Assembly Instructions

### (A) Set Fusion Condition



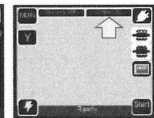
Push "power key" for more than 1 sec.



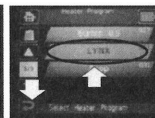
"Main Menu" Select Fiber Type



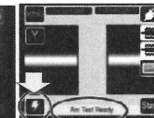
Select "Fiber Type", then "Return".



"Main Menu" Select Sleeve Type



Select Sleeve Type Then "Return"



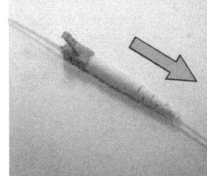
Select "Arc Test"

### (B) Perform Arc Test

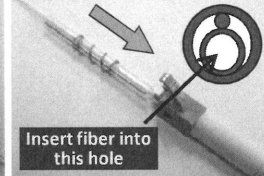
Then perform the arc test according to the instruction. \*Fiber for testing is not included in the kit. Please check fiber type inside the field fiber.

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

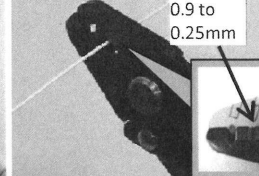
(1) Slide Rear Parts onto the fiber.



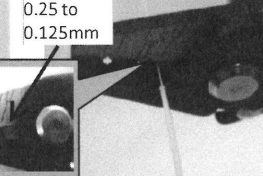
(2) Slide Protection Sleeve onto the fiber.



(3) Remove secondary coating. Approx. 40mm (JR-M03)



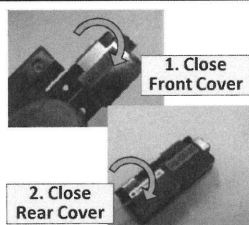
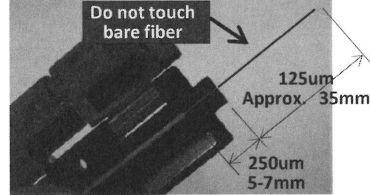
(4) Remove primary coating. Approx. 35mm (JR-M03)



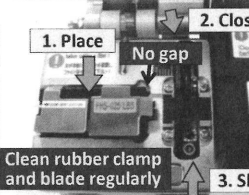
(5) Clean the fiber with lint-free cleaning wipe.



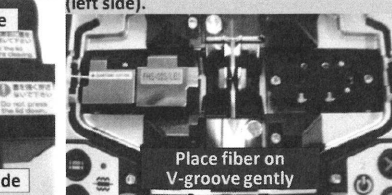
(6) Set the fiber on the holder.



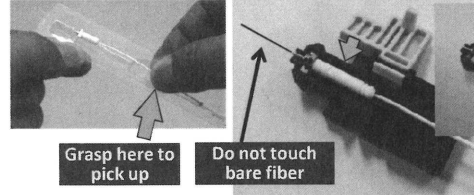
(7) Cleave the fiber (FC-6S)



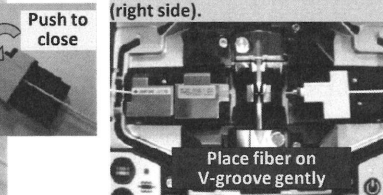
(8) Set fiber holder on the splicer (left side).



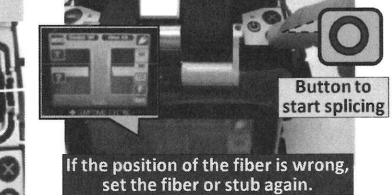
(9) Pick up the stub and set the stub on the plastic holder.



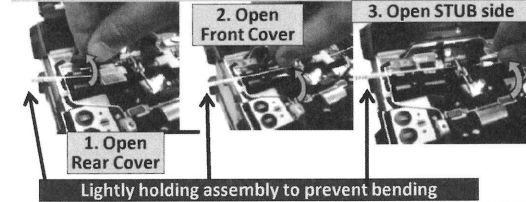
(10) Set stub holder on the splicer (right side).



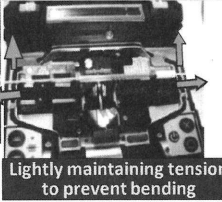
(11) Fusion Splice.



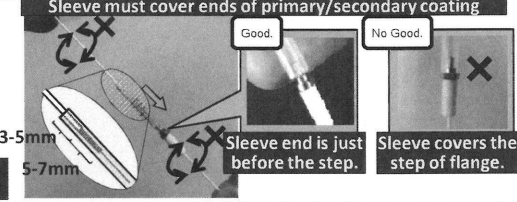
(12) Open the stub and fiber holders.



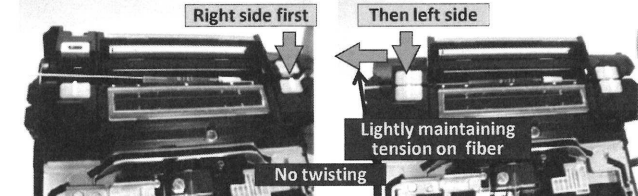
(13) Pick up the spliced fiber.



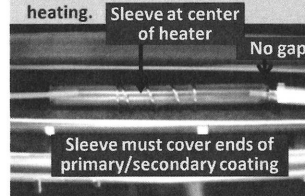
(14) Slide Protection until it covers the projection of the flange. Sleeve must cover ends of primary/secondary coating.



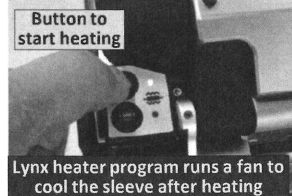
(15) Set Sleeve into the heater.



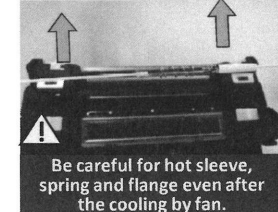
(16) Confirm the position before heating. Sleeve at center of heater. No gap. Sleeve must cover ends of primary/secondary coating.



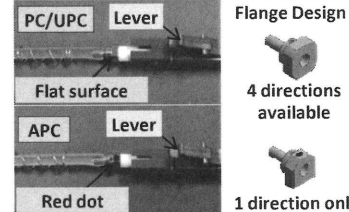
(17) Heat Protection Sleeve.



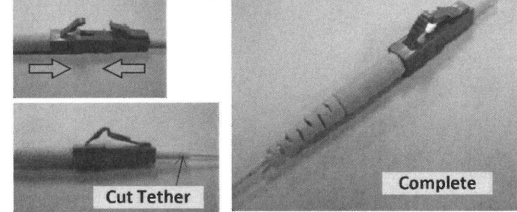
(18) Pick up Sleeve.



(19) Key Alignment.



(20) Put the front housing into the rear stopper.

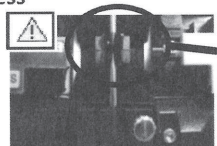




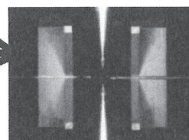
# INSTALLATION MANUAL WARNINGS

## Point ① Fiber installation process

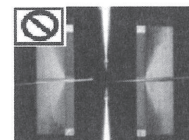
### Place the fiber



Check the fiber position on V-groove.



Fiber should be aligned along the V-groove



Do not place the out of V-groove or the fiber tends to break.

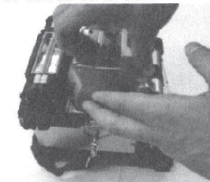
### Close the cover



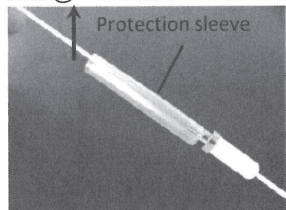
Hold the cover with both hands and close gently.



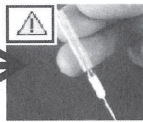
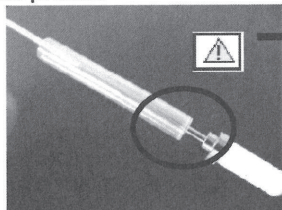
Do not stomp the cover or the fiber tends to broken



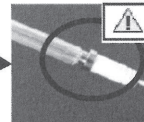
## Point ② Protection sleeve slide process



Raise the fiber end up so that the protection sleeve slides accordingly.



Do not shake!



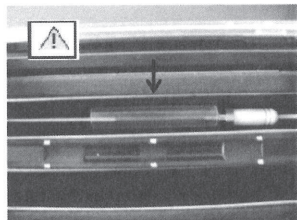
Do not twist!

Pick the sleeve to adjust position.

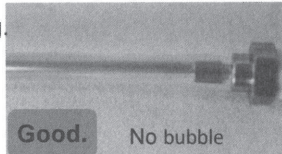
In case protection sleeve sticks on the flange.

The fiber will break by stress.

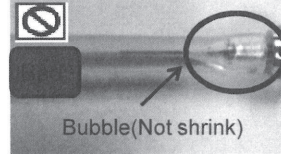
## Point ③ Protection sleeve set position



After heating.



Good. No bubble



Bubble(Not shrink)

Refer to reverse side.

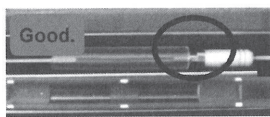
Set the protection sleeve at center of heater.

If protection sleeve do not set at center.

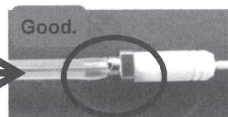
The fiber will break by stress.

## Point ④ Protection Sleeve's Shrink Condition

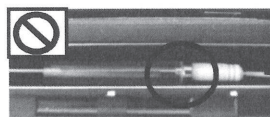
SC  
LC



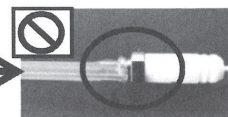
Flange's step is exposed



Flange's step is exposed



No gap to flange between sleeve.



Glue is stuck to the flange

If Protection Sleeve have the bad condition. Please retry using the another new LYNX connector.