

# 123 Manual, LP-FLSCXX2 - FusionLess® 2 SC Connector Round type, Fiber cable diameter 2mm and 3mm - Assembly Instructions

LPFLSCXX2\_M123\_ENC01W



## 123 Manual

### LP-FLSCXX2 - FusionLess® 2 SC Connector Round type, Fiber cable diameter 2mm and 3mm

#### Assembly Instructions

This product has been 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.

## A For your safety operation

- **Wear safety glasses** before handling optical fiber to protect the eyes. Small pieces of glass fiber are very sharp and might get into the eyes or under the skin and cause injury.
- Never look into the end of a connector or an optical fiber which may have a laser coupled to it. Laser light may damage your eyes. Please note that laser light is not visible.
- **If working in high places**, please be careful not to drop any tools. (Please use a wrist strap etc.)

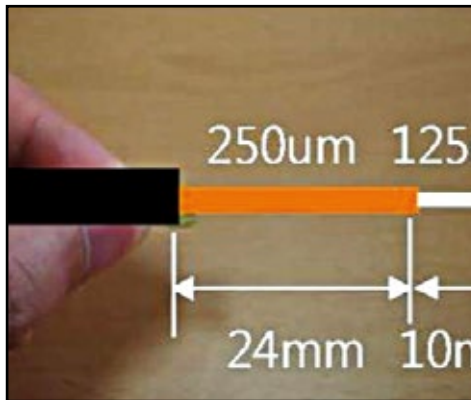
## B Precautions

1. Improper assembly will result in a loss of performance. Please read instructions given in this operation manual.
2. The product is sensitive to dirt or dust. Do not take connector out of the package until it is to be used.
3. The performance will be influenced by the cleaved fiber surface condition. Please use a cleaver that has a good blade.
4. Please insert the fiber into the connector slowly. If the fiber is roughly inserted, it might be damaged or broken, leading to product failure . Broken fiber could be scattered in all directions.
5. Do not remove the dust cap until the connector has been completely assembled.
6. A proper amount of index matching gel is applied in the connector. Do not insert fiber more than once.

## C Assembling Procedure:



1. Check the parts, insert boot to cable



2. Check the length for cutting fiber



3. Check jig setting



4. Insert the fiber to connector



5. Make sure fiber bending



6. Pull out the jig



**7.** Press the button (yellow cover)



**8.** Release the bending



**9.** Lock the boot with yarn



**10.** Cut the yarn



**11.** Completion assemble