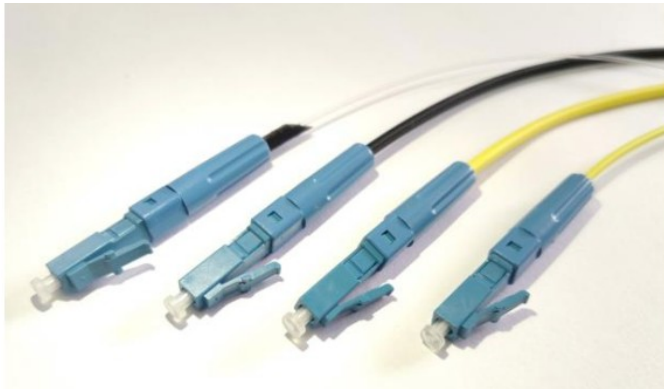


LC Field Optical Connector (Pre-installed Fibre Type)



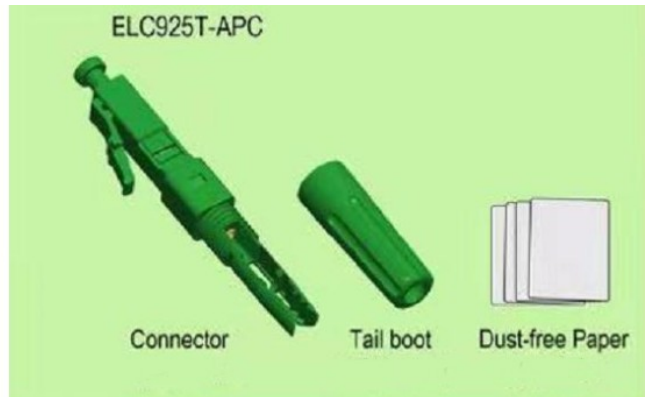
Product Specification

Item	Technical Parameter
Cable Scope	3.0 * 2.0mm & Φ 3.0 mm & Φ 2.0 mm & 0.9mm Cable
Fiber diameter	125 μ m (657A & 657B)
Coating diameter	900 μ m/250 μ m
Applicable mode	Single mode
Operation time	About 60s (exclude the fiber processing)
Insert Loss	\leq 0.3 dB (1310nm & 1550nm) , Max \leq 0.5 dB
Return Loss	\geq 40dB for UPC, \geq 45dB for APC
Reuse times	\geq 10 times
Success rate of connection	>98%
Tensile strength	>30 N/2min
Temperature range	-40~+75 $^{\circ}$ C
On-line Tensile Strength Test (20 N)	Δ IL \leq 0.2dB Δ RL \leq 5dB
Mechanical durability (500 times)	Δ IL \leq 0.2dB Δ RL \leq 5dB
Drop test (4m high concrete floor, 1 time in each direction, 3 times in total)	Δ IL \leq 0.2dB Δ RL \leq 5dB

Field Assembly Optical Connector-Installation Manual

- To use this product correctly, please read this instruction carefully before use.
- Please assemble the connector according to the instruction, and use the matched tools.
- The specific operation example is referred to ELC925T-APC.
- The product photo in this manual is only for reference; please refer to the actual product.

Product Components



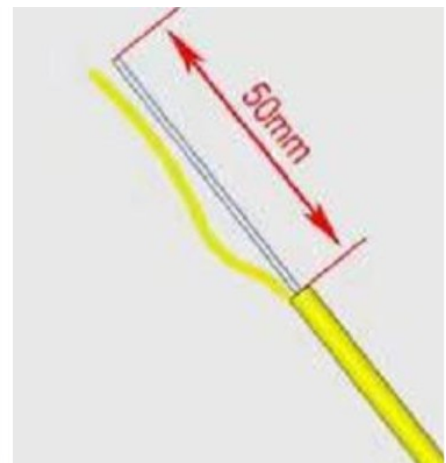
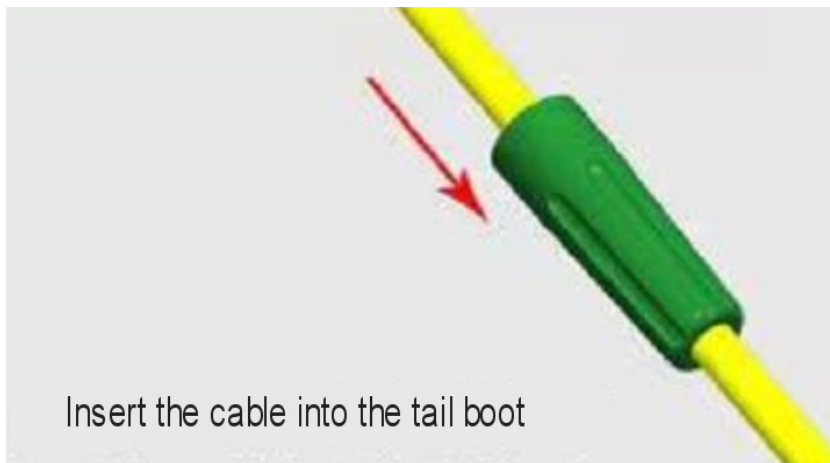
Tools



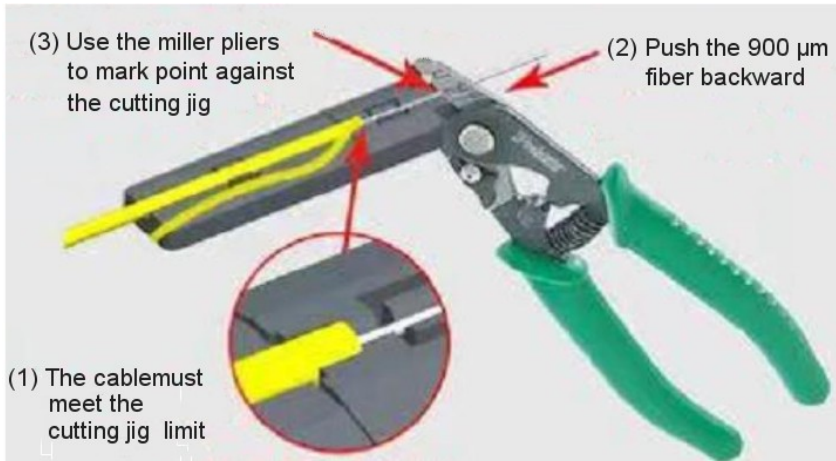
$\phi 3.0\text{mm}/\phi 2.0\text{mm}$ round cable operation procedure:

1. Insert the cable into the boot

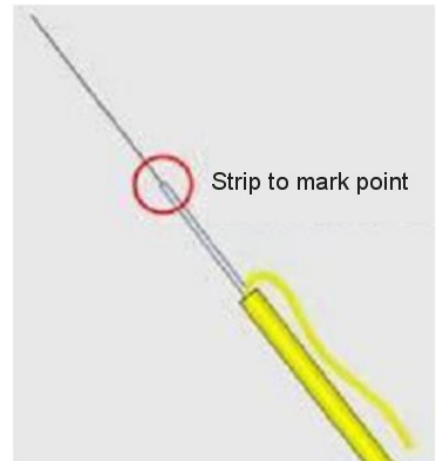
2. Strip the cable jacket 50mm with Miller pliers.



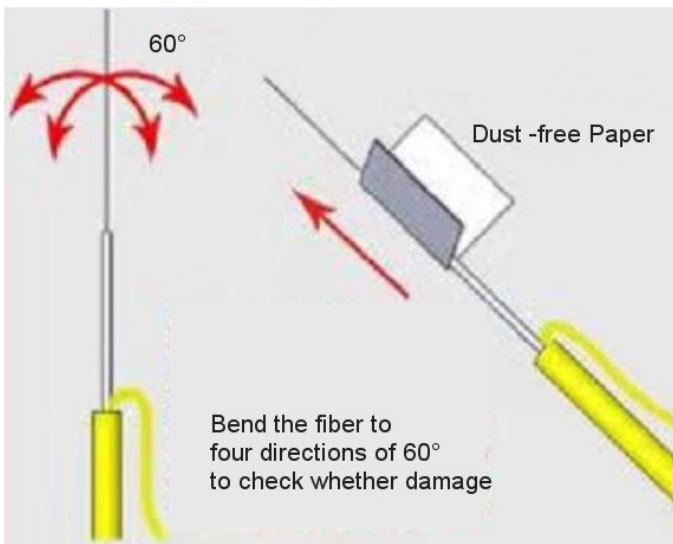
3. Mark the stripping point



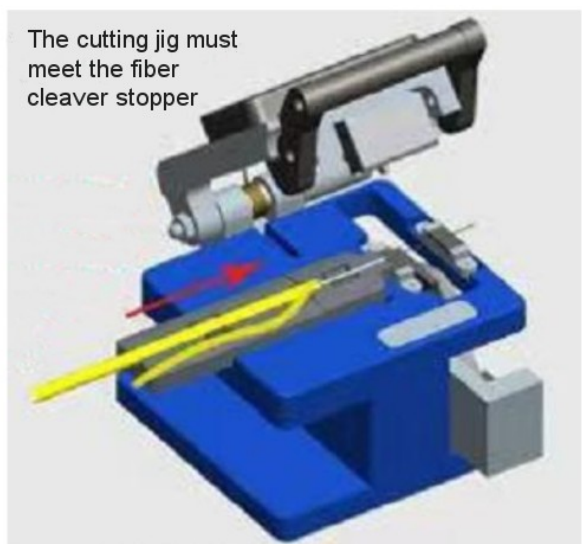
4. Strip the 900 μm fiber coating with the miller pliers to the mark point



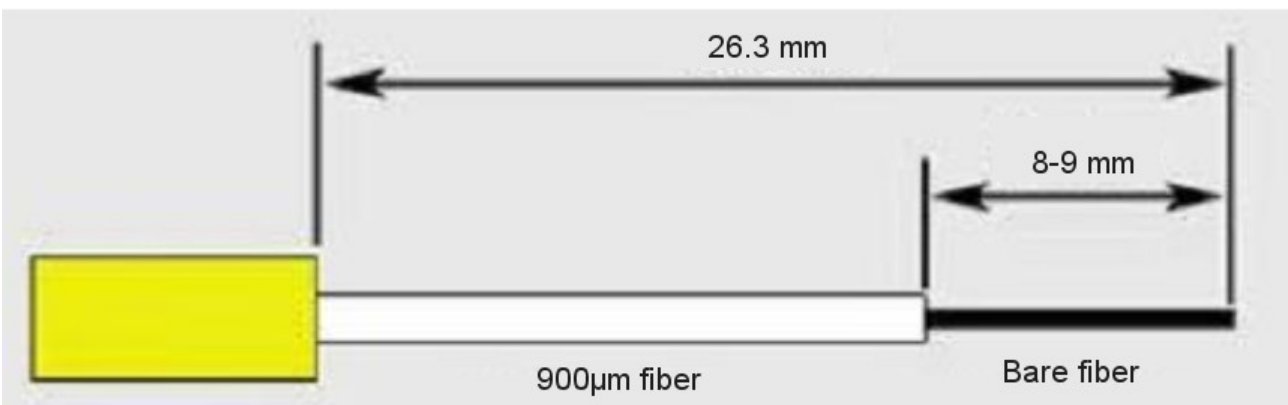
5. Check the fiber and clean the fiber



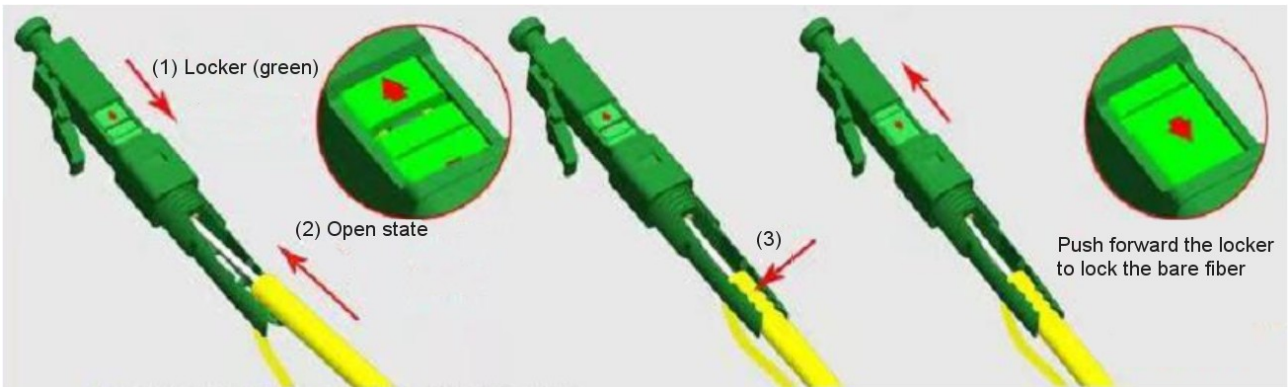
6. Cut the bare fiber



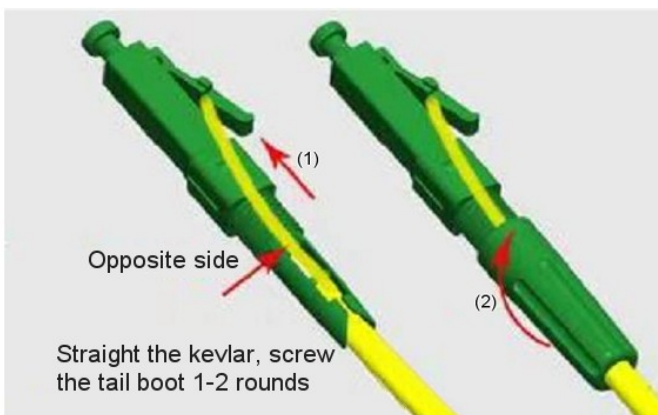
7. Cutting length (below value is only for reference)



8. Insert the fiber into the connector carefully until the fiber is connected and lock the fiber



9. Straighten the kevlar(aramid), then tighten the threaded boot 1~2 rounds



*****Repeat opening and assembling procedure*****

1. Push the locker backward

2. Screw out the boot

3. Draw out the fiber to complete the repeat assembly operation

