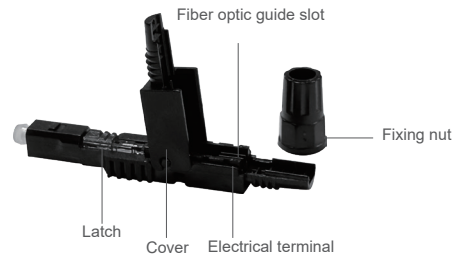


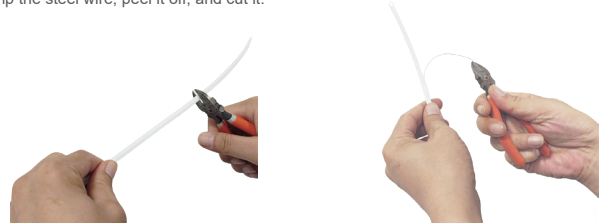
# Installation Manual Photoelectric Connector

## Introduction to Installation Tools



## Photoelectric Composite Cable - Wire Stripping Steps

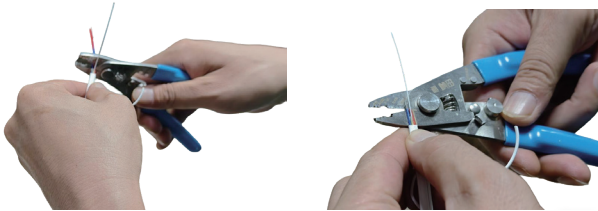
**1** Confirm the length of the Photoelectric Composite Cable, use diagonal pliers to cut it, clamp the steel wire, peel it off, and cut it.



**2** Strip the outer sheath of the Photoelectric Composite Cable at approximately 6 cm from the cable's length and cut the Kevlar



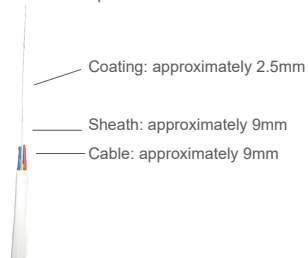
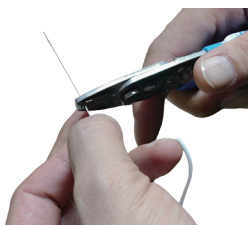
**3** Cut the power cord, measure with Miller pliers to leave a 9mm margin



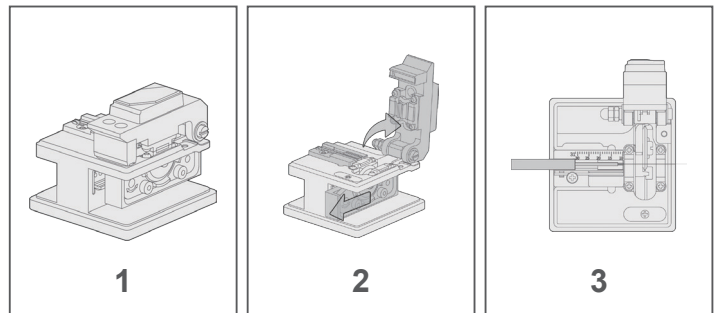
**4** Strip the fiber optic sleeve, measure using Miller pliers, and leave a 9mm margin



**5** Peel off the coating, leaving enough space for the thickness of pliers.



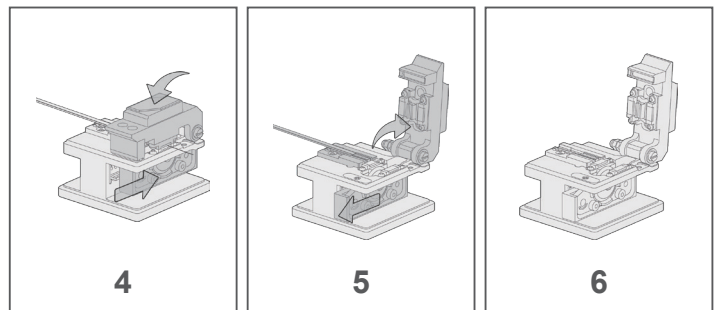
## Fiber Cutter - cutting steps



Initial state of the Fiber Cutter

Open the Pressure Cover and the push block will automatically pop out

Align with the scale and ensure the fiber is horizontal



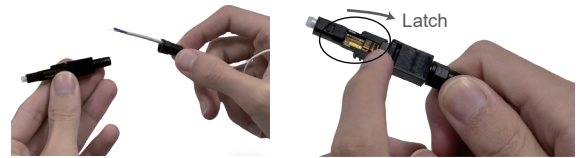
Close the Pressure Cover and push the push block backward to complete the cut

Open the Pressure Cover and the push block will automatically return to its original position

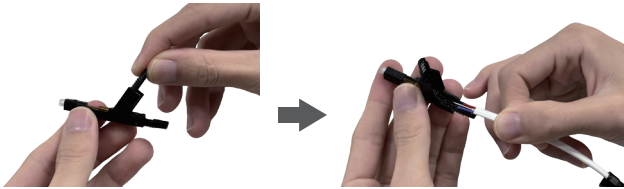
Remove the fiber

# Photoelectric Connector -Installation Steps

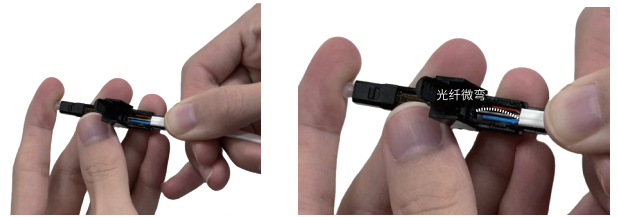
- 1 Remove the nut from the Photoelectric Connector and reverse the Photoelectric Composite Cable , ensuring the latch is open.



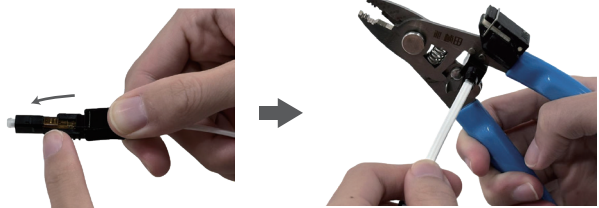
- 2 Open the connector cover. Following the power supply direction (blue on the left, red on the right), insert the cable into the guide slot, ensuring each wire is in its slot.



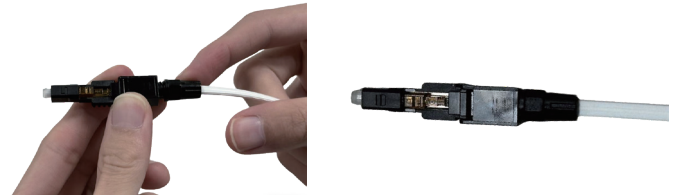
- 3 Push the Photoelectric Composite Cable into the connector body to the limit position, pushing the cable all the way down until the fiber optic cable is slightly bent. Lock the latch, then loosen the Photoelectric Composite Cable.



- 4 Align the cable slots, close the top cover, and use Miller pliers to press the cover closed with the corresponding teeth.



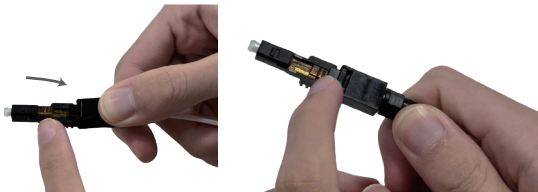
- 5 Finally, tighten the nut. Installation is complete.



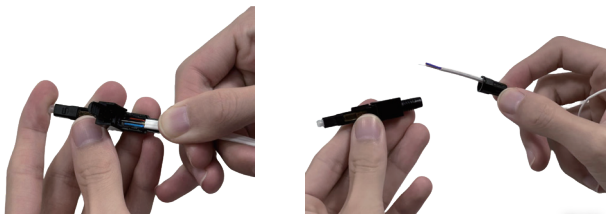
## Disassembling the Photoelectric Connector (Reassembly)

\*The same connector can only be reassembled 3 times. Exceeding 3 times will result in insufficient mating grease, increased and uncontrollable optical attenuation. Connectors with broken fibers cannot be reused.

- 1 With the main body facing upwards and the latch exposed, push the latch downwards to release the fiber optic cable.



- 2 Open the top cover of the Photoelectric Connector. Pry the top cover outwards from both sides, simultaneously applying appropriate force to push out the connection between the connector body and the cable sheath. Remove the Photoelectric Composite Cable .



## Idea Transmission Navigator