

CORNING

Dual-Hole Miller® Tool Fiber Stripper P/N 2104502-01

P/N 005-057
Issue 3

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1. General

This procedure describes how to use a Corning Optical Communications dual-hole Miller® tool fiber stripper, part number 2104502-01 (Figure 1). This tool has been factory adjusted to strip 900 micron tight-buffered colored coating down to the clear 250 micron layer and the 250 micron coating, clear or colored depending on application, down to the 125 micron bare fiber.

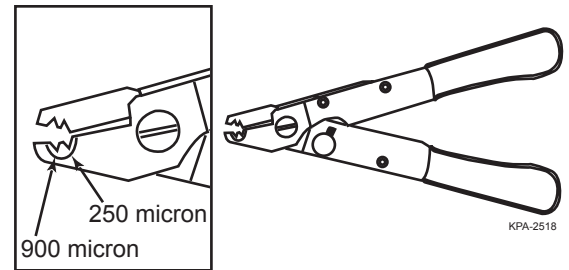


Figure 1

2. Optical Fiber Precautions

For more in-depth safety precautions, see the safety video on our website at www.corning.com/opcomm/safety.



CAUTION: Cleaved or broken glass fibers are very sharp and can pierce the skin easily. Do not let these pieces of fiber stick to your clothing or drop in the work area where they can cause injury later. Use tweezers to pick up cleaved or broken pieces of glass fibers and place them on a loop of tape kept for that purpose alone. **Good housekeeping is very important.**

3. Stripping Procedure

- Step 1:** For the most consistent results, hold the tool perpendicular to the fiber (Figure 2).
- Step 2:** Place the fiber in the proper hole (Figure 3):
- outer hole for 900 micron fiber,
 - inner hole for 250 micron fiber.
- Step 3:** Gently squeeze the tool shut.
- Step 4:** Strip the fiber coating with a smooth, straight pull to the length specified in the termination instructions.

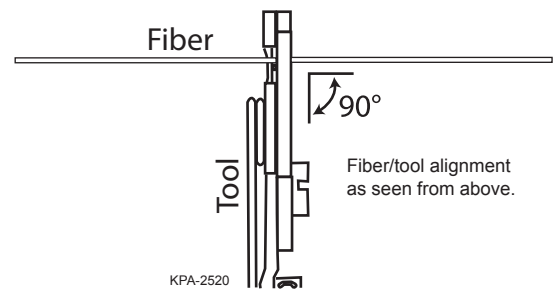


Figure 2

Step 5: If stripping 900 micron fiber, strip a second time using the 250 micron hole as there is a clear coating covering the 125 micron fiber. The coating should come off as plastic shavings.

Step 6: Gently wipe the fiber with an alcohol-soaked, lint-free tissue or wipe to remove any remaining residue.

