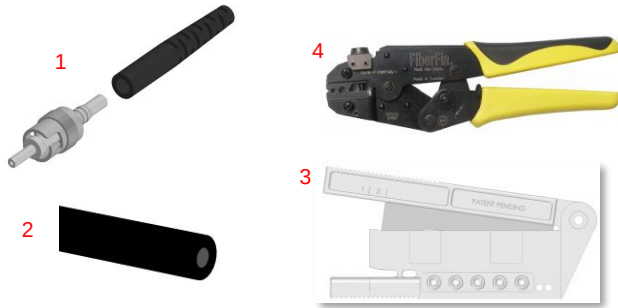


# FiberFin ST Connector Field Termination Instructions Using SC Termination Tool



## *Needed supplies to make a POF cable.*

- 1) ST Simplex POF connector and Strain Relief.
- 2) Simplex POF Cable
- 3) SC Ultra Low Loss cutter
- 4) ST Simplex Crimp Tool Part # FF-HTCSWG-ST

## *Work instructions are designed to work with the ST POF Connector Part # FF-ST1000*

If necessary, use the tool to cut the plastic optical fiber from the cable spool or just finishing the bare cable in slots # 1 as shown in (Figure 1).

1. If using a duplex cable, it can be split as shown in Figure 2. Insert cable into slot and push down lever, (Figure 2 & 3) remove and separate the zipcord approximately 2".

2. Slide the slit POF cable into the strip hole, Item 4 in Figure 1. You want to strip at least 1" of jacket off the cable.

3. To strip the fiber, insert the fiber into the tool and close the tool. Keep the tool closed then rotate at least 1 ½ turns (Figure 4) Then pull outward to remove the jacket. (Figure 5)

4. Note: you can only use one hole at a time, there are two holes for wear of the blade

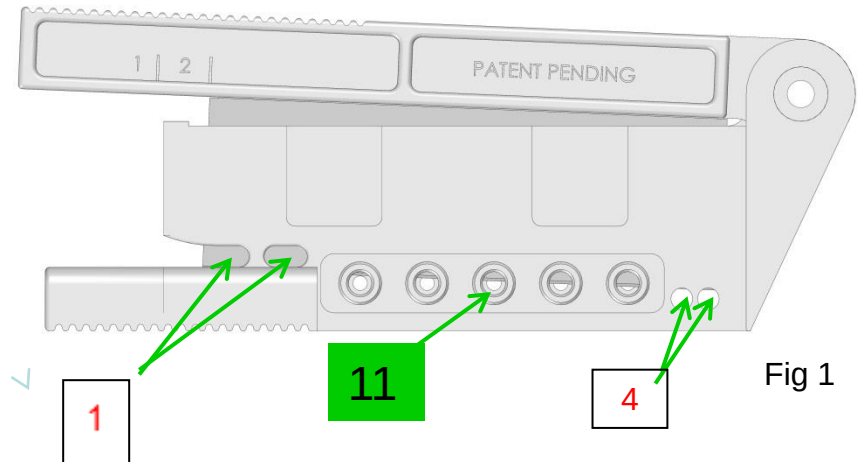


Fig 1

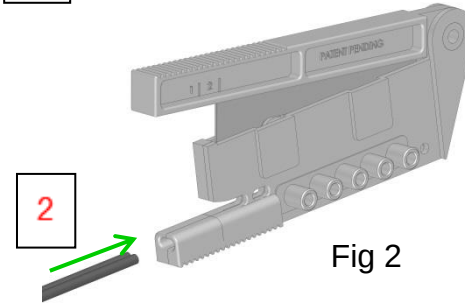


Fig 2

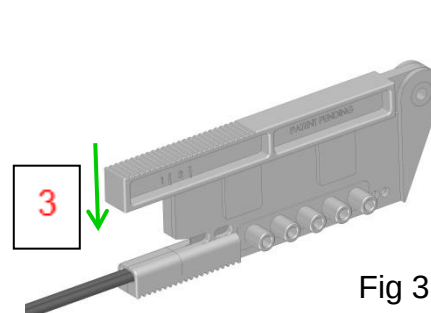


Fig 3

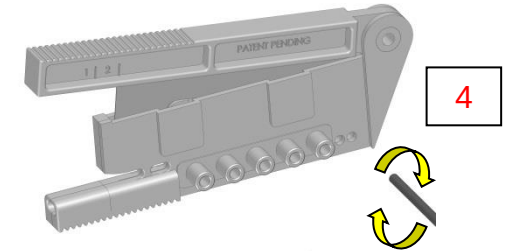


Fig 4

# FiberFin ST Connector Field Termination Instructions Using SC Termination Tool

*Work instructions are designed to work with the ST POF Connector  
FF-ST1000 (Continued)*

5. If you are using duplex cable, Line up the second fiber to the seam of the tool as shown in Figure 5 and then remove that jacket as well.

6. After stripping, the fibers should appear as they do in (Figure 6).

7. Slide the fiber into the connector hole, so it has the fiber sticking out of the connector (Figure 7).

8. Secure the cable within the connector using the crimp tool **FF-HTCSWG-ST** (Item 4 on pg 1) on the metal crimp ring.

Note: Detailed instructions about the ST crimp tool comes with the tool or on the FiberFin.com website.

9. The Crimped ST Connector assembly is now ready to be finished,

10. Insert connector into the holes in the front of the tool (Figures 8-9)

11. Position the blade to just sit on the fiber, but low enough to act as a stop on the connector tip.

12. The front of the connector should be seated flush against the blade. (Figure 10)

13. Finish the fiber pushing down on the handle. "Razor Finishing" (Figure 11).

14. Note: There are 3 sets (6 holes) of locating holes. Each set is good for a maximum of 10 cuts. (Operator must check finish if blade becomes damaged)

15. Note: If you are using a bulkhead coupler with this procedure, Use the Polishing paper to make sure you have a flush cut with no fiber protrusion.

16. \*\*see [BULKHEAD Final Finishing] document for details.

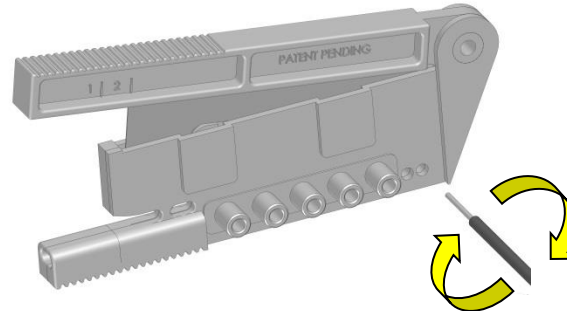


Fig 5

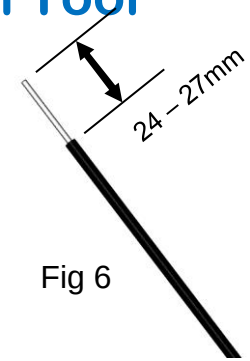


Fig 6

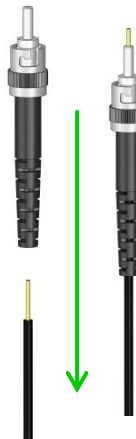


Fig 7

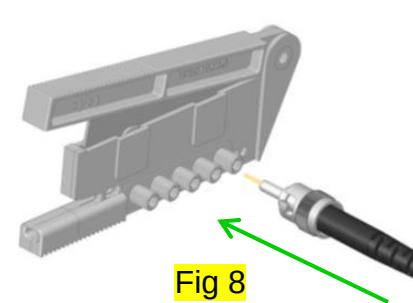


Fig 8

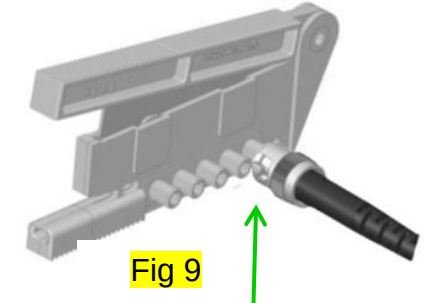


Fig 9

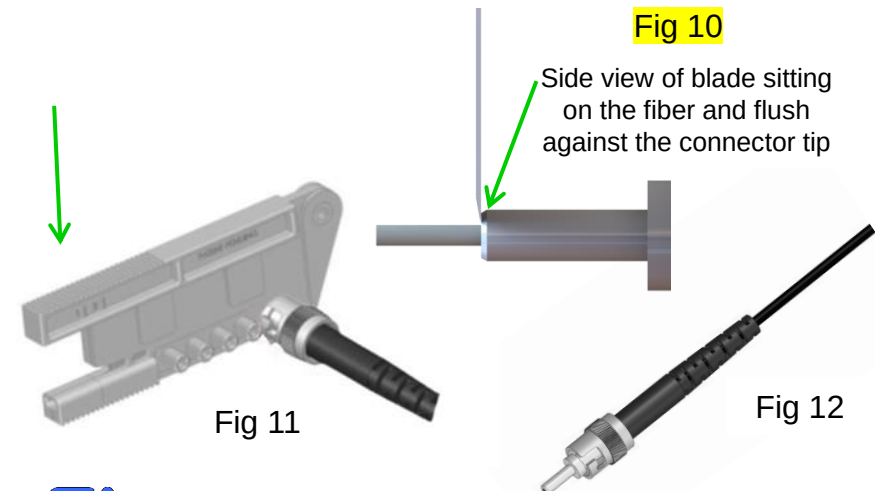


Fig 10

Fig 11

Fig 12