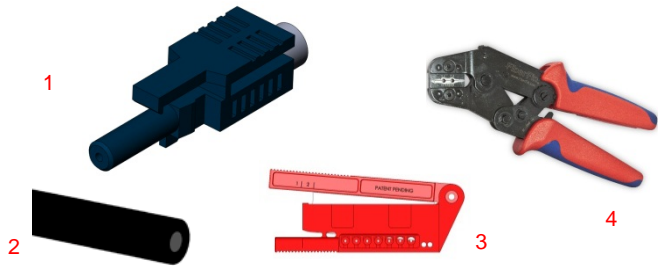


FiberFin VL Connector Field Termination Instructions



Needed supplies to make a POF cable

- 1) HFBR-Series connectors , versatile link (VL)
- 2) 1 x 2.2mm Simplex (show) POF Cable
- 3) VL Ultra Low Loss cutter . Part # FF-VL-RZR-1
- 4) VL Crimp Tool . Part# FF-HTCRMP-1

Work instructions are designed to work with the versatile link, "VL" 1mm POF Connectors, Part Shown here is # FF-HFBR-4503

- 1.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).
2. If you are using Duplex cable you can split the cable jacket as shown in Figure 2 Insert cable into slot and push down lever, (Figure 2 & 3) remove and separate the zipcord approximately 2".
- 3.Slide the slit POF cable into the strip hole, Item 4 in Figure 1. You want to strip at least 24mm of jacket off the cable.
- 4.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)
- 5.Note: you only use one hole at a time, there are two holes supplied for blade wear.

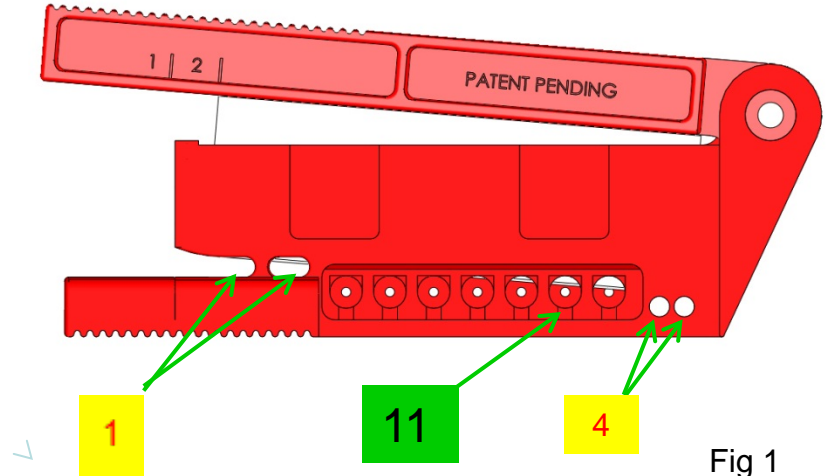


Fig 1

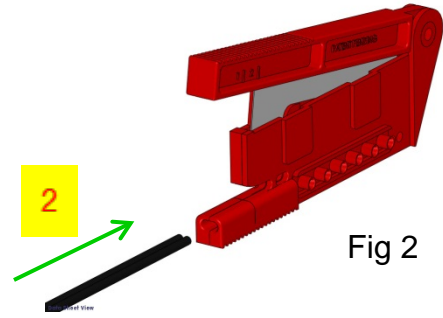


Fig 2

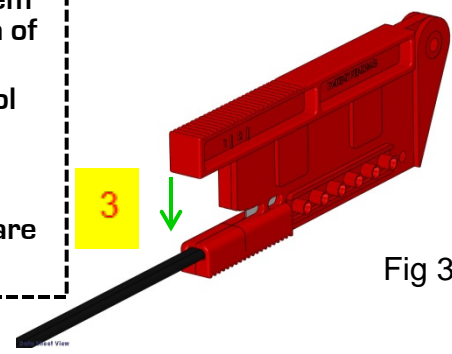


Fig 3

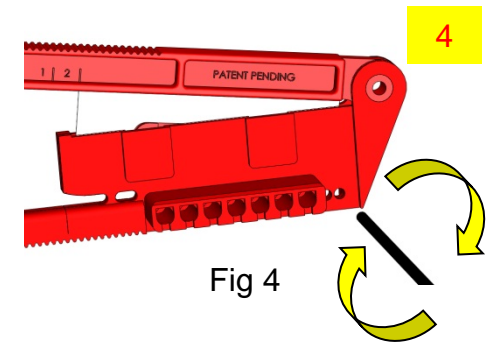


Fig 4

FiberFin VL Connector Field Termination Instructions

Work instructions are designed to work with the versatile link VL POF Connector, (shown here) Part # FF-HFBR-4503 (Continued)

6.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.

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

8.Slide the fiber into the VL connector housing so it bottoms out in the connector(Figure 7).

9. If you are Using the Crimp ring style of connector, Secure the cable within the connector use the crimp tool *FF-HTCRMP-1* (Item 4 on page 1) on the metal crimp ring, Note; Hex crimp size 4.85mm

10.Note: Detail instructions about the VL crimp tool comes with the tool or on the FiberFin.com website.

11.The Crimped VL Connector assembly is now ready to be finished,

12.Position the blade to just clear the fiber but low enough to act as a stop on the connector. [see figure #1] arrow 11

13.Insert connector into the holes in the front of the tool [Figure 8-9]

14.The connector should be seated flush as shown in (Figure 9). Hold "IN" the VL connector while cutting to insure proper cut position [flush with the end of the connector].

15. Cleave off the excess fiber using the tool . "Razor Finishing" (Figure 10).

16.The final assembly should appear as shown in Figure 11. Your Done! Ready for your TX or RX

17. Note: There are 3 sets (6 holes) of locating holes. Each set is good for a maximum of 10 cuts.

18. Note: If you are using a bulkhead coupler with this procedure, Use the Polishing paper to make sure you have a flush cut.

19. **see [BULKHEAD Final Finishing] document for details

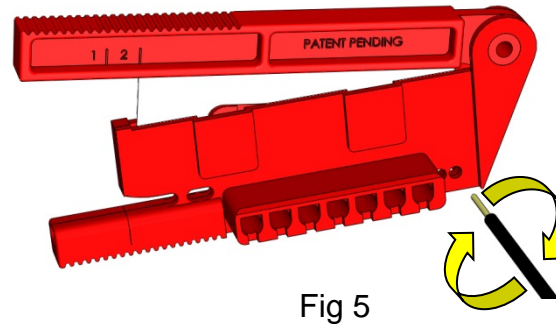


Fig 5

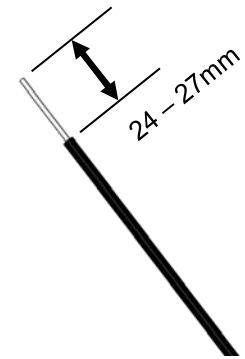


Fig 6

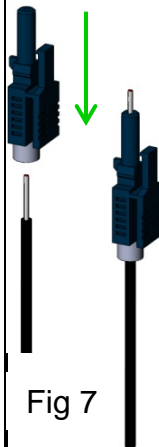


Fig 7

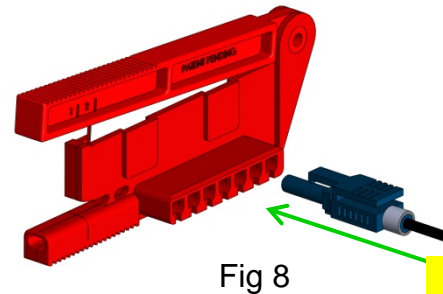


Fig 8

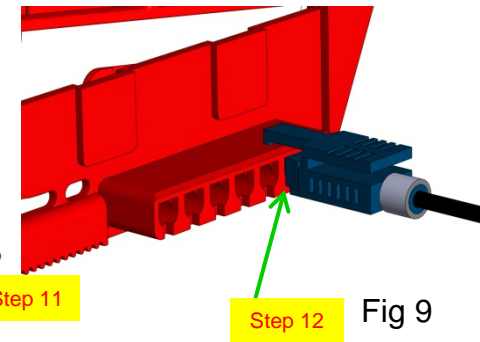


Fig 9

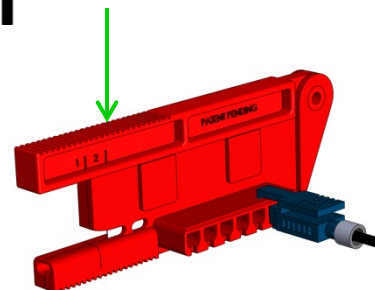


Fig 10

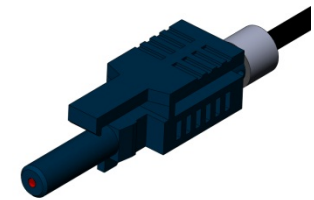


Fig 11