

Campsplice™ Crimp Tool and Anti-Torsion Crimp (ATC)

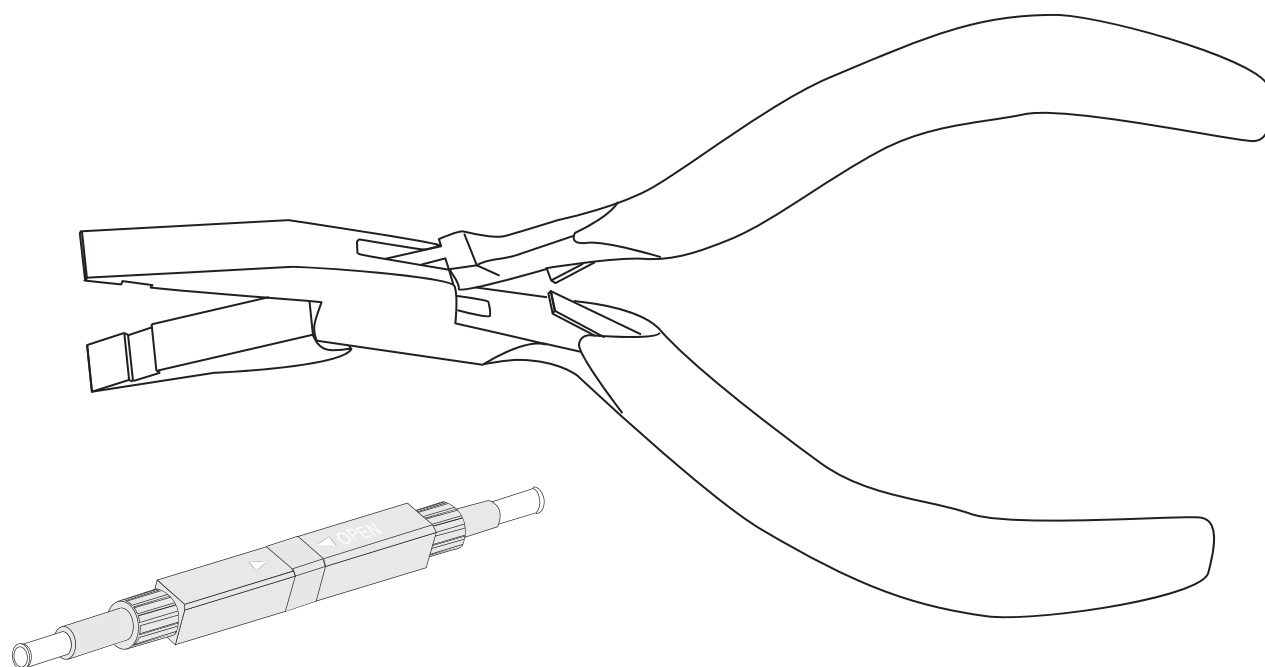


Figure 1

1. General

1.1 This document explains how to use the Campsplice crimp tool to make a Campsplice Anti-Torsion Crimp (ATC) on 900 μm tight buffered fiber.

1.2 This document is being reissued to include updated corporate information.

2. Description

2.1 Campsplice ATC has a short length of tubing at each end designed to fit over 900 μm fiber. When crimped with a Campsplice crimp tool the tube will keep fiber from turning in the splice. ATC crimps do not have to be in place or crimped for the splice to function. Their intent is to keep the fiber inside from being subjected to torsional stress when the splice is being mounted in a tray and excess fiber is being routed.

2.2 The ATC crimp will work only on 900 μm fiber. When splices are made with 900 μm and 250 μm fibers, only the 900 μm fiber end of the splice will be affected by the crimp.

3. Splicing

3.1 Splice the fibers in the Campsplice as described in instructions for the unit (SRP-006-039 through 3.12). Make sure the fibers are free from torsion. Make necessary tests to assure that the splice is functioning as expected.

4. Crimping

Place $\frac{1}{2}$ of the exposed crimp tube into the crimping tool.

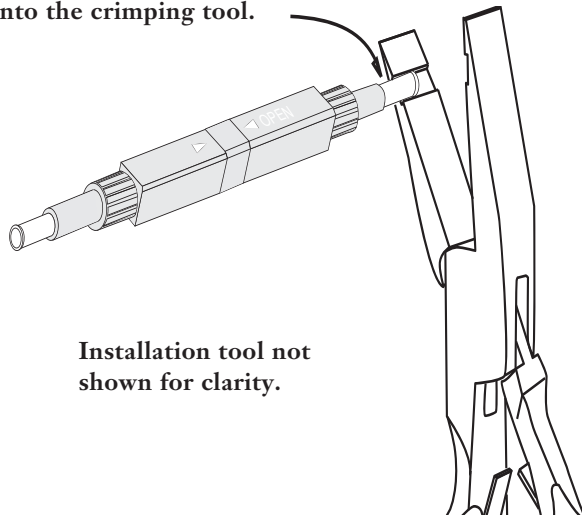


Figure 2

4.1 Without removing the splice part from the installation tool, position the groove in the crimp tool jaws over the outer half (about halfway from the end) of the crimp tube as shown in Figure 2.

IMPORTANT: Make sure the groove in the tool is over the tube. If another part of the tool's jaws makes the crimp, the tube may be too tight and damage the fiber. The splice may have to be remade.

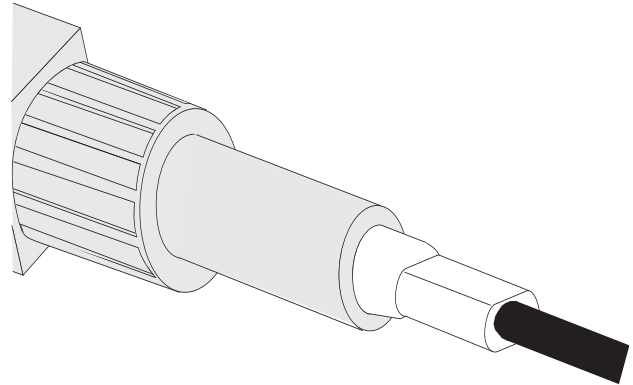


Figure 3

4.2 Close the crimp tool completely. This will complete the crimp.

4.3 A correctly made crimp is shown in Figure 3.

4.4 Remove the splice from the tool and continue with the remaining installation steps (SRP-006-039 from 3.13).

NOTE: Do not attempt to reuse the crimp. It cannot be uncrimped and recrimped successfully.