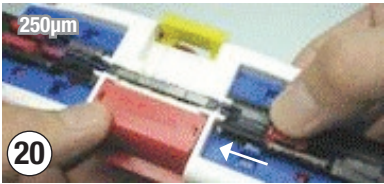
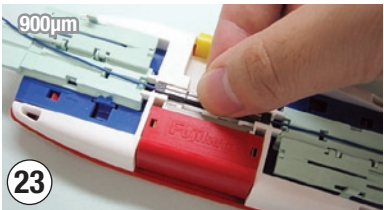
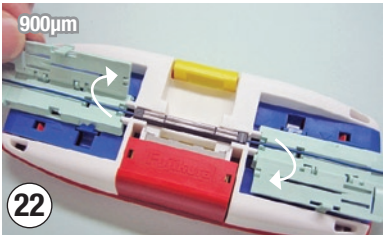


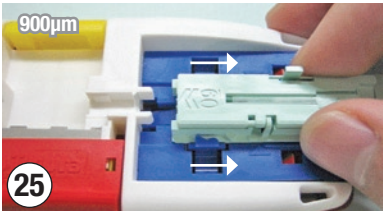
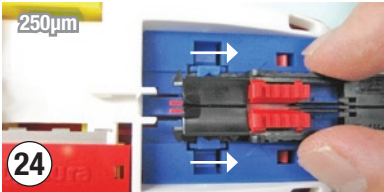
2.15 **For 250µm:** Release the fibers from the fiber holder by sliding the clamps towards the splice side. Make sure the fiber does not get caught by any part of the splice tool. Remove the splice gently. (see **Figures 20 & 21**)



For 900µm: Release the fibers from fiber holders by opening the fiber holder covers. Make sure the fiber does not get caught by any part of the splice tool. Remove the splice gently. (see **Figures 22 & 23**)



2.16 Slide the fiber holder backwards and remove it from the lock. Do not keep the fiber holders locked in the tool. (see **Figures 24 & 25**)



Ordering Information

DESCRIPTION	AFL P/N
Mechanical Splices (Bag of 6)	CS004154
SpliceConnect™ Universal Mechanical Splicing Tool Kit <i>Kit Includes:</i> SpliceConnect™ Universal Mechanical Splicing Tool Fiber Holder, 250µm (qty. 2) Fiber Holder, 900µm (qty. 2) Instruction Manual Instruction Video Carrying Case	CS004162 CS004155 CS004156 CS004157 CS004159 CS004160 CS004161
SpliceConnect™ Universal Mechanical Splicing Tool	CS004155
Fiber Holder, 250µm	CS004156
Fiber Holder, 900µm	CS004157

SpliceConnect™ Universal Mechanical Splicing Kit Instructions

1.0 GENERAL
1.01 This manual describes the operation of the SpliceConnect™ Universal Mechanical Splicing Tool. Please be sure to read this manual carefully before proceeding.

WARNING: Always wear eye protection when handling optical fibers. Dispose of any cut or cleaved ends properly. Do not touch the wedge with bare hands.

1.02 The SpliceConnect™ Universal Mechanical Splicing Tool Kit Contains:

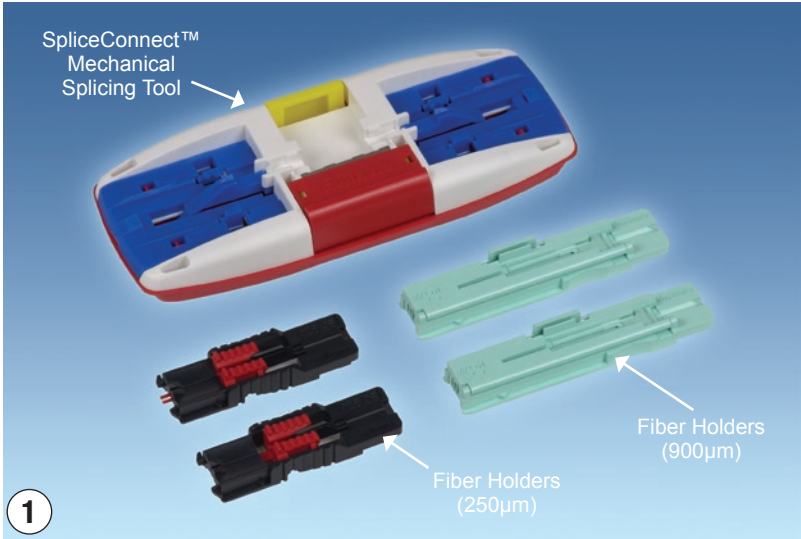
- Mechanical Splicing Tool
 - Fiber Holder (900µm)
 - Fiber Holder (250µm)
- Instruction Manual
 - Carrying Case
 - Instructions Video (CD)

1.03 Tools and materials required:

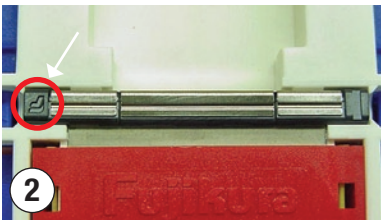
- CT-30A Universal Cleaver (recommended)
- Fiber Prep Fluid
- Fiber Stripper

- Marking Pen
- Lint-free Cloth Wipes

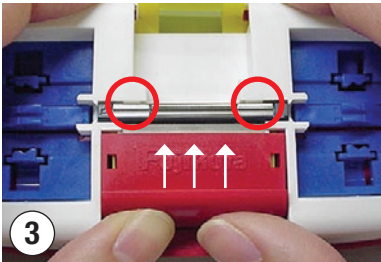
2.0 INSTALLATION
2.01 Identify components of the kit. (see **Figure 1**)



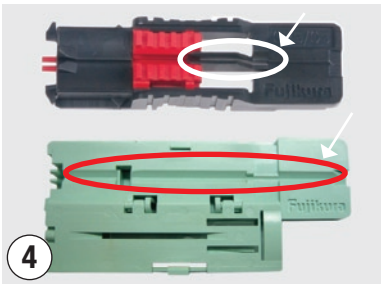
2.02 Securely set the mechanical splice into the tool with the “F” logo upside down and on the left side. (see **Figure 2**)



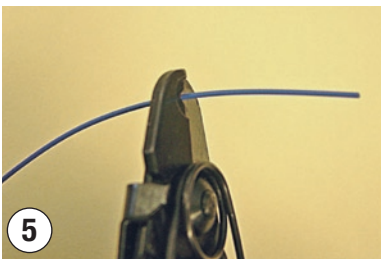
2.03 Push the Red lever fully to engage the wedge into the splice. (see **Figure 3**)



2.04 Avoid damage to the fibers by making sure the fiber holder grooves and stripper are free of dust. (see **Figure 4**)

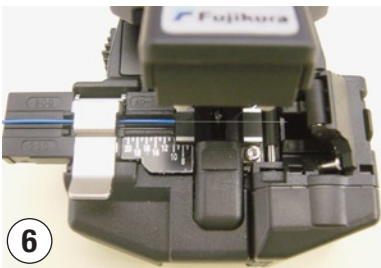


2.05 **For 250μm:** Mark 35mm from the end of the fiber. Strip the fiber to the mark. Clean the bare fiber. (see **Figure 5**)



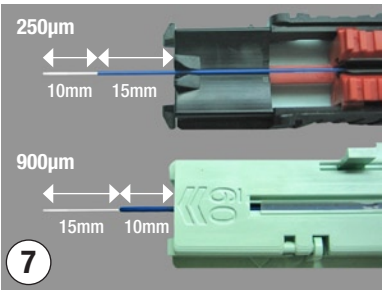
For 900μm: Mark 35mm from the end of the fiber. Strip the fiber to the mark by removing 7mm at one time. Clean the bare fiber. (see **Figure 5**)

2.06 **For 250μm:** Place end of the fiber coating at the 10mm mark on the cleaver and cleave the bare fiber. The result is 10mm of bare fiber remaining after cleave. (see **Figure 6**)



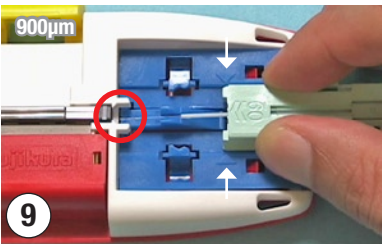
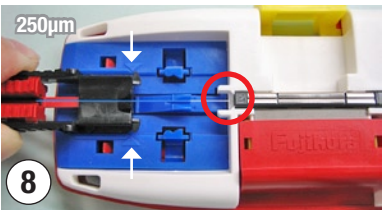
For 900μm: Place end of the fiber coating at the 15mm mark on the cleaver and cleave the bare fiber. The result is 15mm of bare fiber remaining after cleave. (see **Figure 6**)

2.07 **For 250μm:** Set the fiber onto the holder with a protrusion of 25mm (10mm of bare fiber and 15mm of buffer coating). Gripping the front portion of the holder, slide the clamp downwards to lock the fiber. (see **Figure 7**)

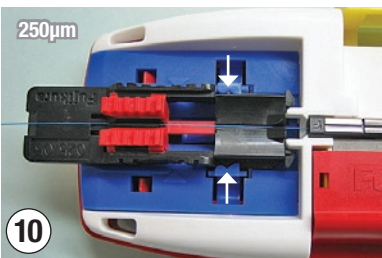


For 900μm: Set the fiber onto the holder with a protrusion of 25mm (15mm of bare fiber and 10mm of buffer coating). (see **Figure 7**)

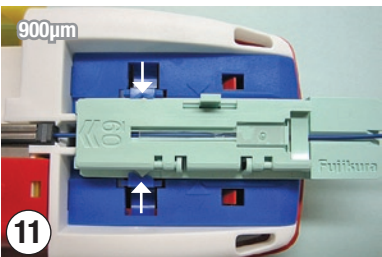
2.08 Set the fiber holder in line with the arrows on the rail. The fiber end should coincide with the tip of the fiber guide. (see **Figures 8 & 9**)



2.09 Slide the fiber holder forward until it is secured by the fiber holder lock. (see **Figures 10 & 11**)



2.10 Repeat steps 2.05 through 2.09 for the opposite fiber.



2.11 Insert opposite side of holder and fiber should bend on the side of the inserted holder. (see **Figures 12 & 13**)

(Except for 250μm to 900μm, the fiber on the opposite side of the inserted fiber holder should bend. (see **Figure 14**)



2.12 Press down the fiber bend and the opposite side should form a bend. (see **Figures 15 & 16**)



2.13 Balance the fiber bends on both sides. If the fiber bends cannot be balanced, restart the process with a new mechanical splice. (see **Figures 17 & 18**)



2.14 When the fiber bends on both sides are balanced, push the yellow lever to disengage the wedge. Fiber splice is completed. (see **Figure 19**)

