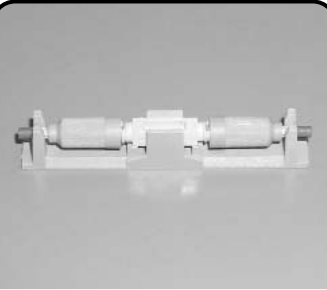
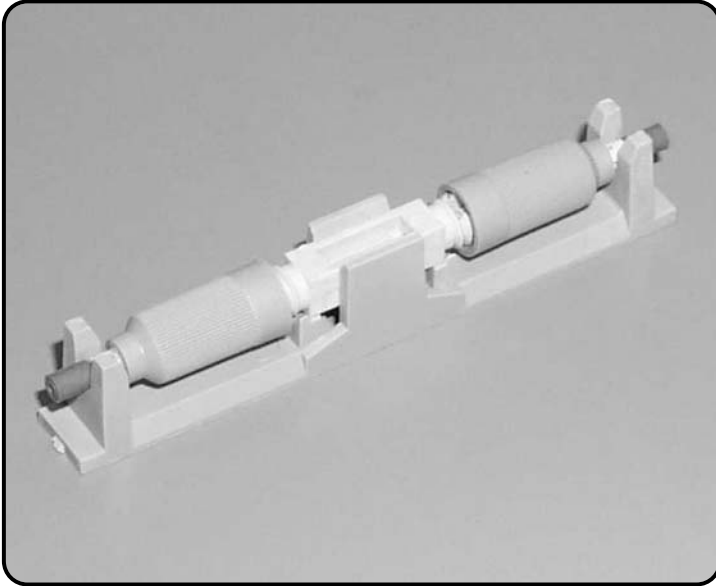
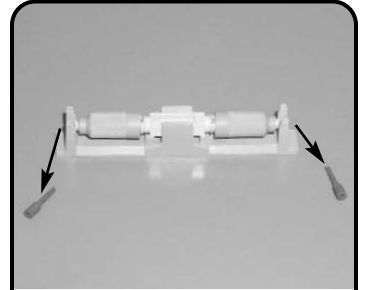


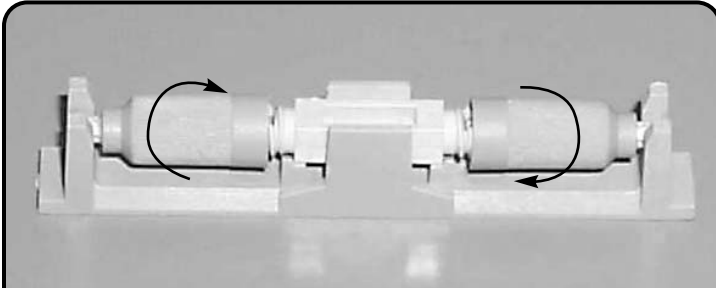
ULTRAsplice® Instructions



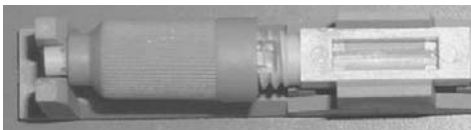
1a The ULTRAsplice comes with blue guide tubes ready to accept 250-to-500 micron buffer sizes.
If using 250-to-500 micron buffer sizes, skip to step 3.



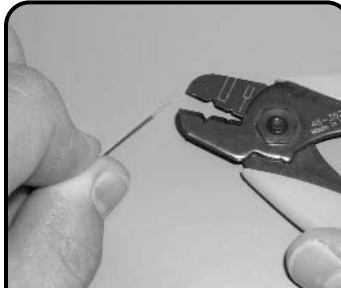
1b 900 micron Buffer only:
For 900 micron splicing, first remove the blue guide tubes.



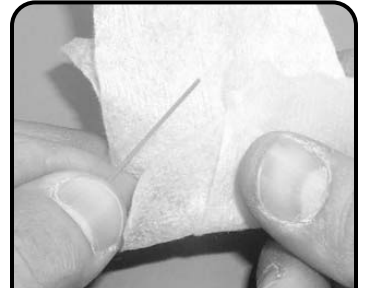
2 900 micron Buffer only:
Open both locking nuts 1/2 turn counterclockwise to accept the 900 micron buffer.



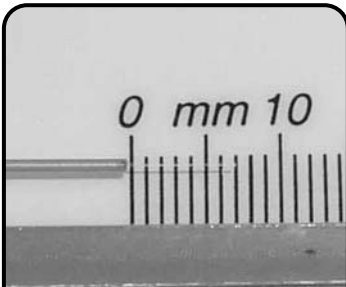
Open position for 900 micron buffered fiber.



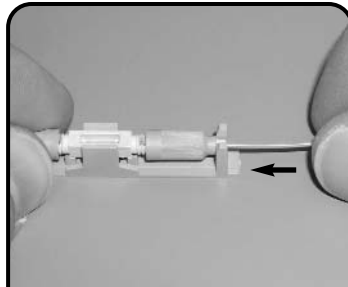
3 Strip off buffer coating in preparation for cleave.



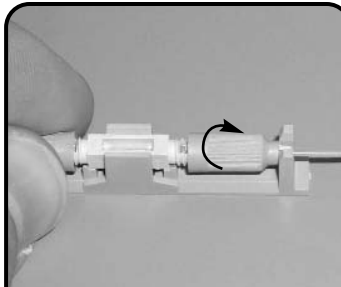
4 Clean the exposed fiber with a lint free alcohol wipe.



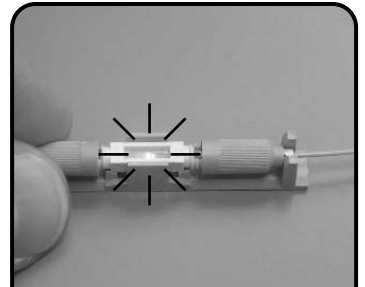
5 Using a suitable cleaving tool to create a flat end face, cleave the expose fiber at approximately 7mm from the end of the buffer.



6 Carefully insert fiber into one end of the ULTRAsplice until it is centered in the view window. You should be able to visually inspect the fiber location in the glass capillary.



7 Secure fiber by twisting the gray locking nut in the clockwise direction until it is finger tight. Be careful not to over-tighten which can cause unnecessary attenuation. Repeat this procedure for the second fiber which should contact the first fiber at the center of the glass capillary.



8 It is recommended that a visual fault locator (VFL) be connected to one end of the fiber link for visual assurance of a good splice. The light from the VFL will be visible through the ULTRAsplice window and will fully extinguish upon completion of a good splice.

ULTRAsplice® Instructions

ULTRAsplice Tuning:

If required, the ULTRAsplice can be readjusted or "tuned" for optimal performance by untwisting the gray locking nut (counterclockwise) to make adjustments. Untwist one end only not more than a 1/2 turn. Gently pull back (slightly) and twist the buffer then push back against other fiber. Relock as described in step 6.

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