



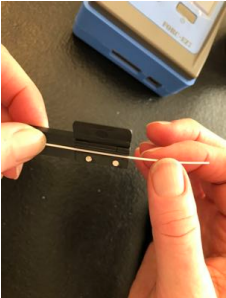
Splicing lab setup



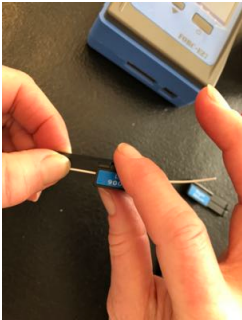
Slide heat-shrinking slice protector on fiber



Place fiber in holder. If it is curled, align curl so it goes downward from top of holder



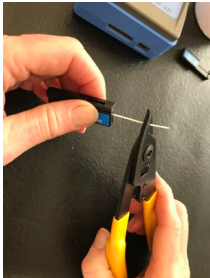
Leave 1.5" (40mm) fiber beyond holder



Clamp fiber in holder



Make sure fiber is in groove



Strip fiber in 2-3 "bites" holding stripper at 45deg angle to fiber and using middle groove on jaws



Second strip - note angle of stripper



Third strip should be down to holder for minimum buffer.



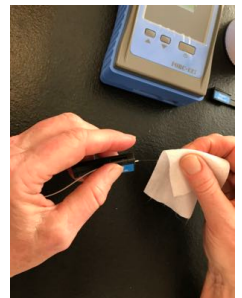
900 micron buffer is stripped



Gently strip 250 micron buffer with last groove on stripper jaws



Wet a lint-free wipe with fiber cleaner



Wipe fiber carefully - it's fragile at this point



Place holder in cleaver - make sure it's fully seated in the slot and to the right



Close top of stripper gently - magnets will hold it



Push button on front of cleaver to cleave the fiber



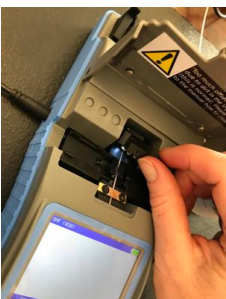
Open the top of the cleaver to expose the cleaved fiber - you may not see it is cleaved so don't trust your eyes



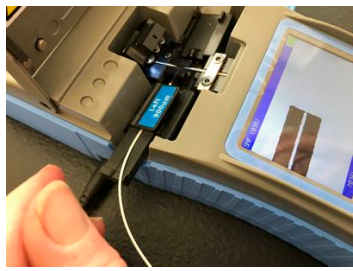
Remove the fiber scrap with tweezers or carefully with your fingers



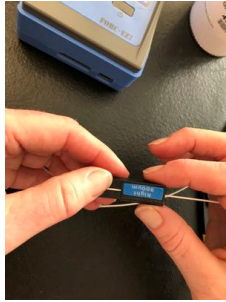
Dispose of fiber in scraps jar



Open splicer door and lift center bracket over V-grooves



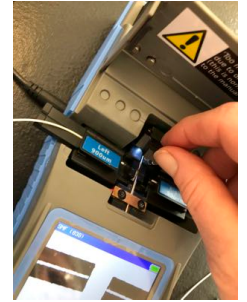
Insert holder - you should see the fiber in the splicer display



Repeat the process with the right holder and the other fiber



Insert the right holder and look for the second fiber in the display



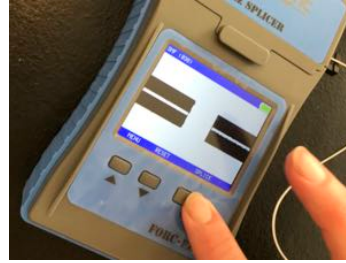
Close the bracket over the V-grooves



Ready to go!



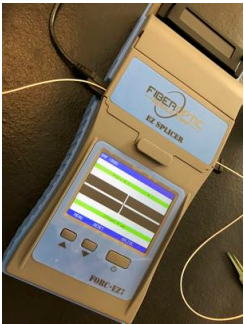
Close splicer door



Initiate splice process



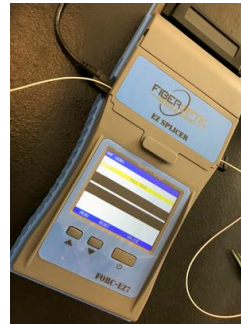
Alignment



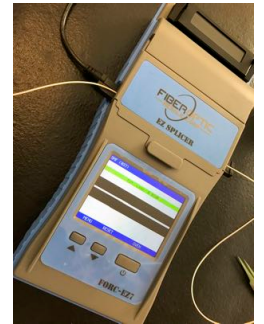
Alignment complete



Fusing fibers



Pull Test



Loss estimate



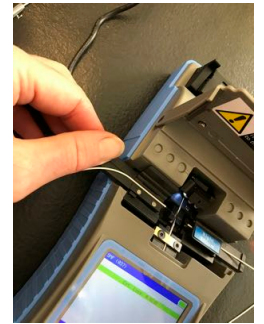
Open door



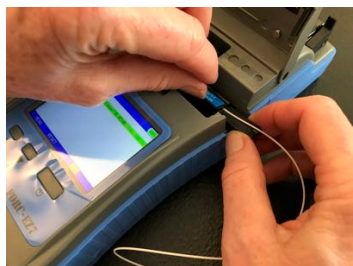
Lift center bracket



Open left fiber holder to release the fiber - don't stress fiber



Exposed fiber



Open right holder to release fiber



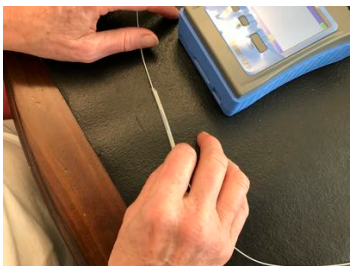
Gently lift both fibers out of the splicer - don't push toward each other or pull either



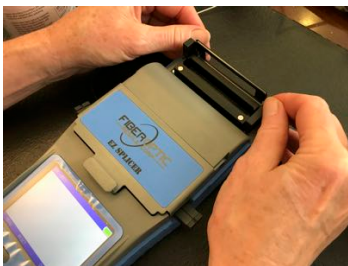
Lay fibers on work mat



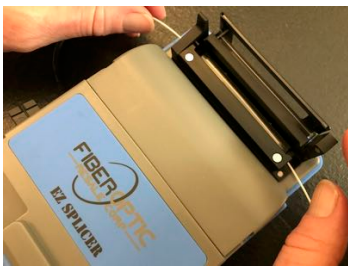
Slide heat shrink splice protector over splice - bare fibers should be in the middle



Splice protector in place



Open oven



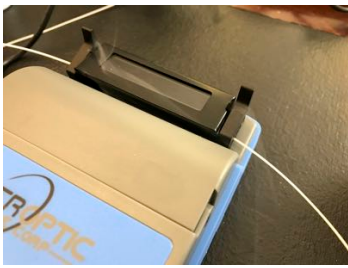
Place splice protector in middle of oven and clamp in place, then close oven door



Initiate oven heat cycle



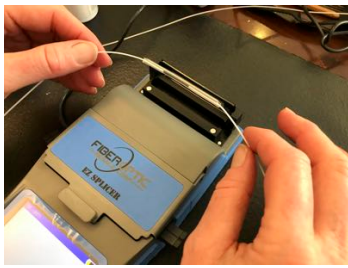
Display will show countdown - default is 60 seconds and works for usual protectors



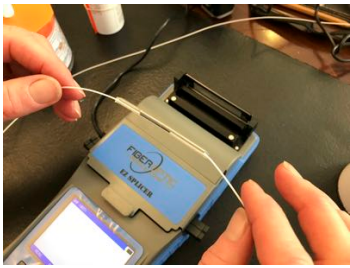
Oven may smoke a little - it's OK



When heat cycle is over, open oven



Remove splice



The finished splice!!!