

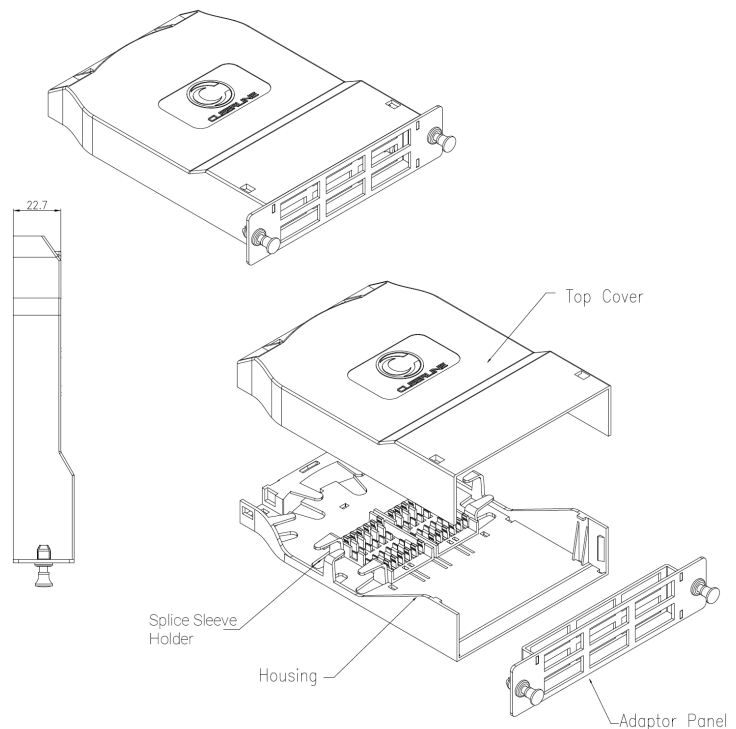
Description

HD Splice Cassette pre-loaded module with included adapter plate, pigtails, and wire management pieces

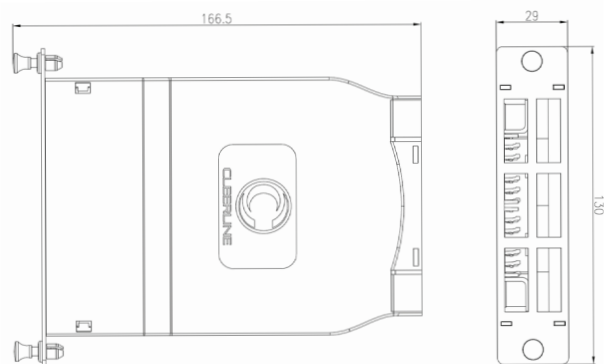
Overview

Cleerline HD Splice Cassettes provide an efficient solution for managing fusion-spliced fibers. Each cassette with its included adapter plate comes preloaded with 6 to 24 x 900µm 1 meter long fiber pigtails, eliminating the need for a separate splice tray. Inside the cassette, splice holders and a cable winding area allow for effective cable management and organization.

CASSETTE HARDWARE	
Fibers	6, 12, or 24
Pigtails	6, 12, or 24
Adapter Type Front	LC or SC
Pigtail Type	900µm, TIA Color-Coded
Included Splice Protectors	12 or 24
Adapter Color	According to Fiber Type
Removable splice holders	1 or 2
Cable management	Cable ties & velcro
Cable entry grommet	2
Splice Legend Sticker	1



MODEL / DIMENSIONS	
SHDSC06-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-MM	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC06-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-SM-UPC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC06-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDSC12-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC12-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in
SHDLC24-SM-APC	130 x 166.5 x 29 mm / 5.1 x 6.6 x 1.1 in



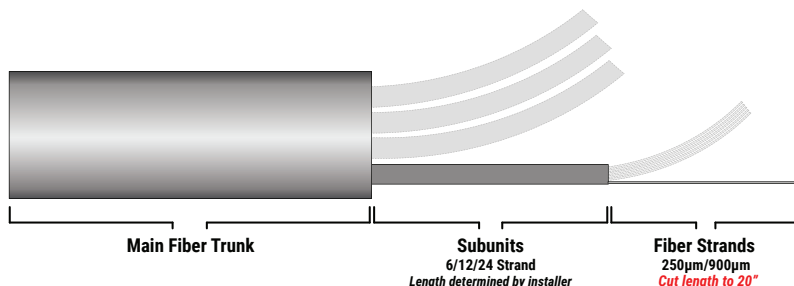
Installation Instructions

The following install instructions for the Cleerline HD Splice Cassette is a general guideline to aid in the preparation, splicing, and placement of the spliced fibers within the cassette.

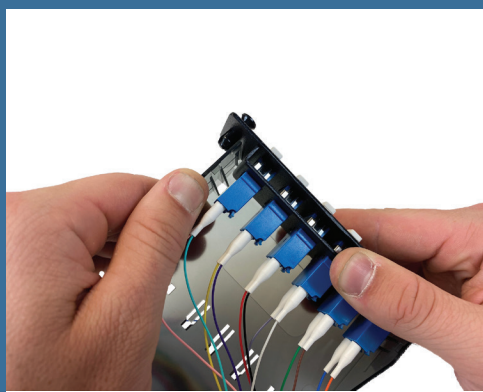
Required tools: Fusion splicer, fiber strippers, fiber shears, tape measure, marker

Cable Preparation

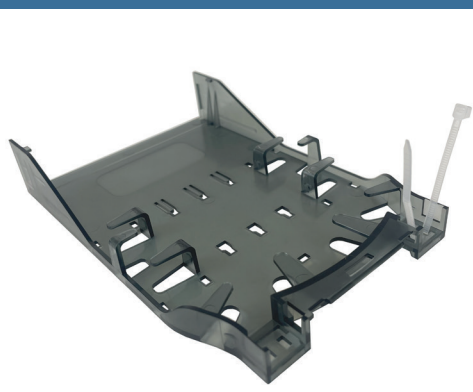
- Fiber slack storage outside the cassette is always advised and recommended and should be based on the particular installation application as it may be useful in the event that a cable repair or relocation is required.
- Inside Plant (ISP), Outside Plant (OSP), Air Blown, and Ribbonized Fiber Optic Cables can all be spliced and contained within the HD Splice Cassette. Each installation should be laid out in advance and confirmed for specifics regarding length and cable management prior to the start of any installation to determine if any project specific modifications are necessary.



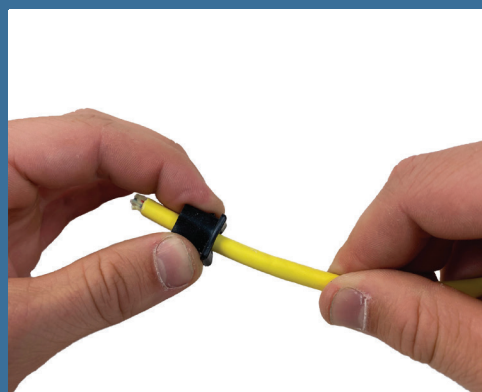
CABLE PREPARATION



1. Remove the adapter plate by flexing side panel and remove with inserted pigtails, splice sleeves and splice sleeve holders, entrance grommets, misc. assembly items.

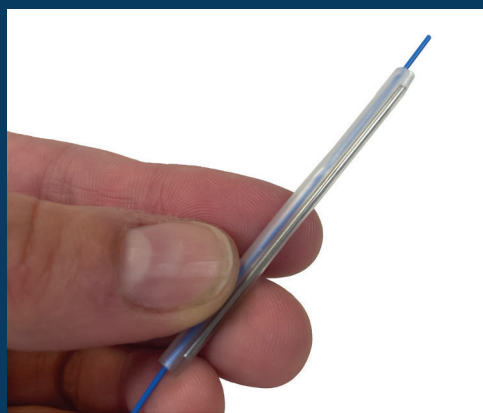


2. Prepare zip tie at desired side of fiber entrance at cassette rear. Prepare any additional zip ties for cable management if desired.

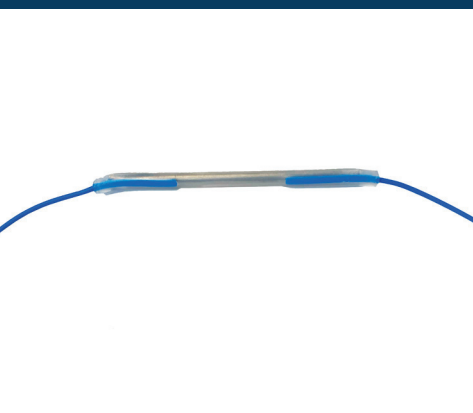


3. Prepare entrance grommet by slitting cross section, then slide incoming cable through. Next remove 20 in / 51 cm of subunit/cable jacket to expose 250 µm or 900 µm fibers

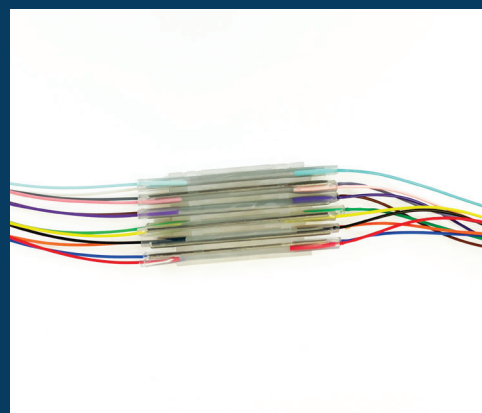
SPLICE PREPARATION



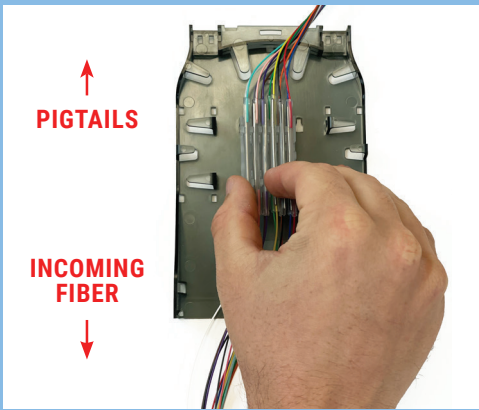
4. Cut pigtails to 20 in / 51 cm. Slide a 40 mm splice sleeve onto each leg of the fiber pigtails to be spliced.



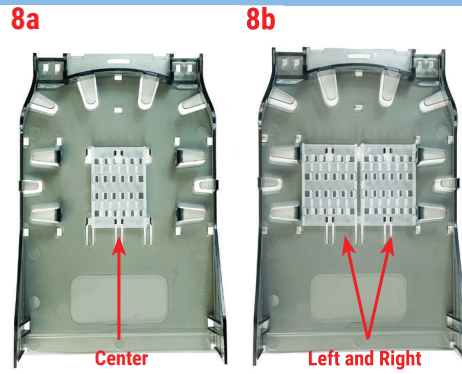
5. Strip, cleave, splice, and shrink the fusion splice protection sleeves onto each fiber leg.



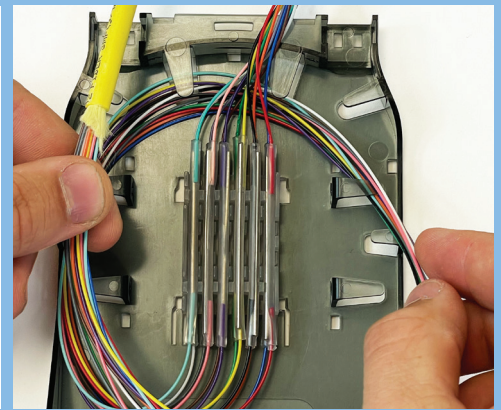
6. Place splice sleeves into splice holder placing up to 12 sleeves in holder #1 and up to 12 more sleeves in holder #2 (installation dependent).



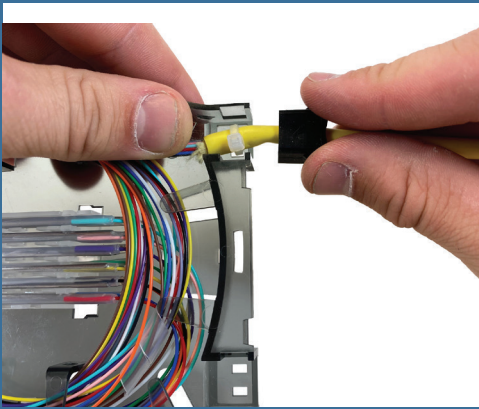
7. Position spliced fibers/holder over cassette body such that the adapter plate & pigtails are locate towards the rear of the cassette, refer to picture above.



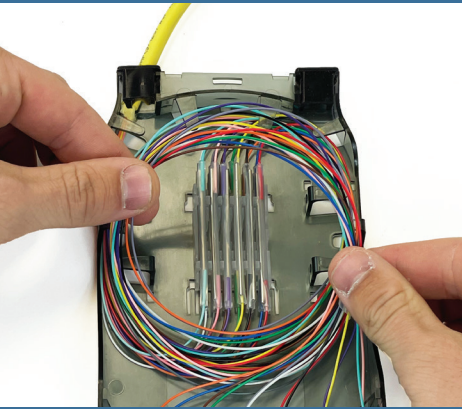
8. Slide lock splice holder into cassette tray (12 or less/1 holder install in center position. If 13 or more, place #1 (1-12) in right position and #2 (13-24) in left.



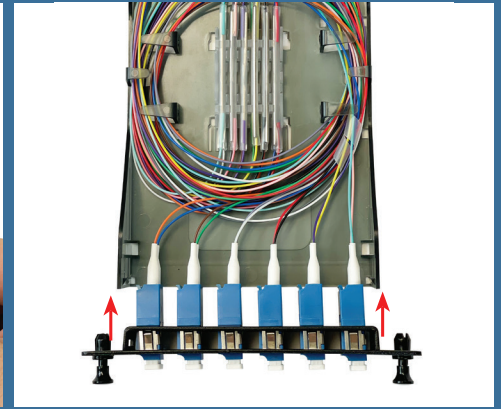
9. Route the incoming cable into the fiber management holders clockwise one and a half turns; place fiber through the rear cable entrance with prepared zip tie.



10. Secure as desired with zip tie, slide cable entrance grommet forward and seat in rear opening.



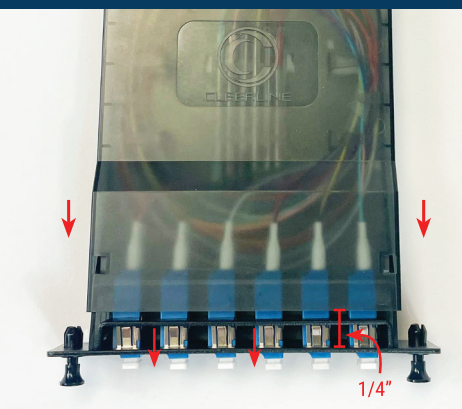
11. Route the pigtails into the fiber management holders clockwise one and a half turns.



12. Insert adapter plate into front of cassette, click cassette side panels into place on adapter plate ensuring it is seated in place.



13. Check all fiber routing to ensure there are no tight bends, or fiber overhanging sides, secure if desired loosely with Velcro.



14. Verify fibers allow clearance for cover to be installed, position cover down onto base approx 1/4" back from adapter plate, slide cover forward until rear tabs lock.



15. Locate completed cassette into any LGX sized opening, align plate so pins insert into holes, press pin plungers to lock into place completing the installation.