

# Configurable Clearview Blue Cassette



Reducing the need to stock multiple cassette variations in your inventory, a single Clearview Blue Cassette provides functionality for multiple in-cassette splicing methods. By simply de-laminating the pre-loaded ribbon fiber assembly within the cassette splice tray, and installing the standard splice chip instead of the ribbon splice chip, the transition is made from a ribbon to a loose tube cassette configuration.

The Clearview Blue Cassette splice tray features 3 slots for the splice chips to install, providing flexibility depending upon cassette configuration. One of each type of splice chip will be provided with the cassette, and more can be ordered separately. 24 fiber loose tube cassette configurations will utilize the outer two splice chip slots, while 12 fiber loose tube and ribbon configurations will utilize the central splice chip slot. Splice chips will need to be bent into place in the splice tray slots within the Clearview Blue Cassette.

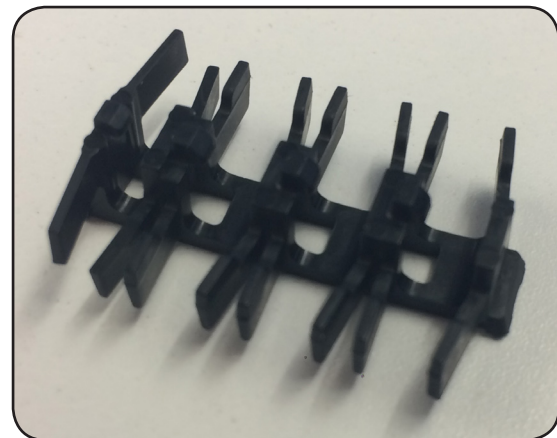


## Splice Chips:

Shown below are the two variations of the splice chip, standard and ribbon. In order to install the chips into the slots in the Clearview Blue Cassette's splice tray, the splice chips will need to be bent into place. Place one end of the splice chip into the slot, ensure the tabs have locked into place at the end of the tab. Then, grip the middle of the splice chip with one hand and bend the other end down and into the slot, ensuring the tabs seat fully into place at the other end of the slot.



**Splice Chip**  
Part Number: 018672



**Ribbon Splice Chip**  
Part Number: 019627

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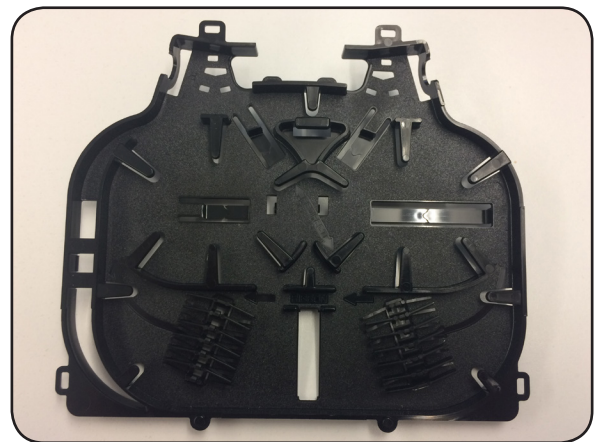
## Loose Tube:

Each splice chip features 6 slots, which will hold 2 splice sleeves stacked on top of each other, for a total of 12 splice sleeves per chip. 12 fiber loose tube cassette configurations will have a single splice chip in the central location. 24 fiber loose tube configurations (2-high cassettes for SC connector configurations, HD cassettes for LC) will hold two splice chips, one chip in each of the two outer spaces.

**Note:** For 24 fiber loose tube versions, the customer will need to use 40mm splice sleeves instead of the standard 60mm.



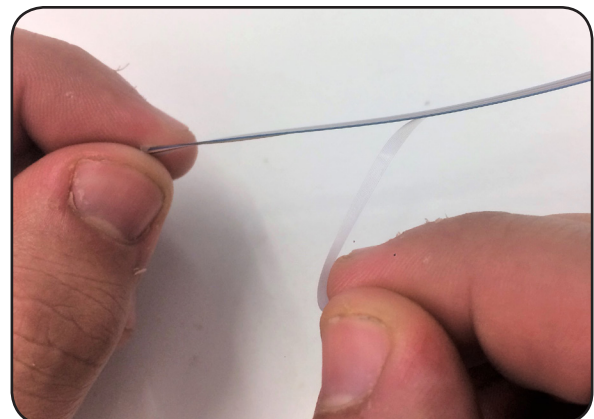
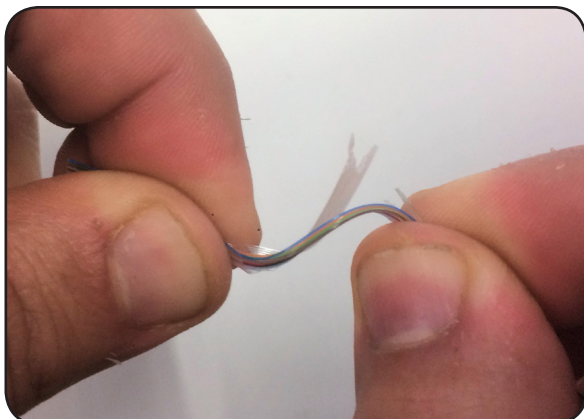
12 Fiber Loose Tube



24 Fiber Loose Tube

## De-laminating:

In order to transition the pre-loaded ribbon fiber assembly to loose tube, the ribbon must be de-laminated. This is achieved by “bicycling” the ribbon, gripping the ribbon with both hands, about an inch apart and gently rotating the ribbon to break the glue matrix but leaving the fibers unharmed. Once the laminate has been separated from the fibers in that small area, it will be possible to grab the edge of the laminate and pull down the length of the fibers, de-laminating them entirely.





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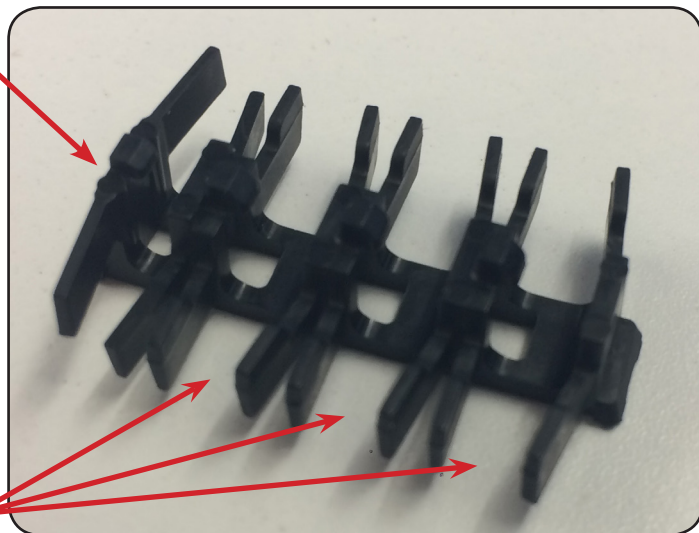


## Ribbon/Mass Fusion:

For ribbon configurations of the new cassette, the cassette will utilize the new “ribbon splice chip”. This will go in the central splice chip location of the splice tray, and has the ability to hold up to 3 ribbon splice sleeves, as well as two loose tube splice sleeves for special applications.

x2 Single Splice Sleeve Slots

x3 Ribbon Splice Sleeve Slots



Ribbon Splice Chip  
Part Number: 019627

Ribbon splice sleeves will be placed into the slots in the ribbon splice chip in the same manner as loose tube splices in the standard splice chip. The top slot will be for the first ribbon splice sleeve, and if the configuration calls for a second ribbon splice sleeve, it will go in the slot below. These are labeled in the image below.

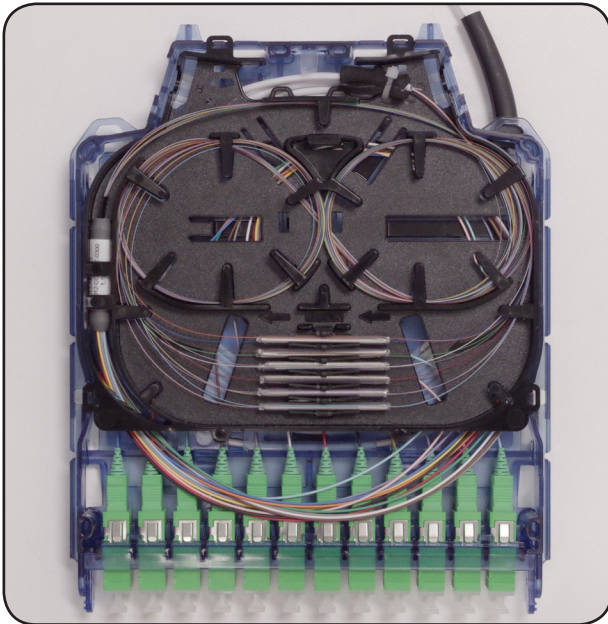


Splice Tray With Ribbon Splice Chip

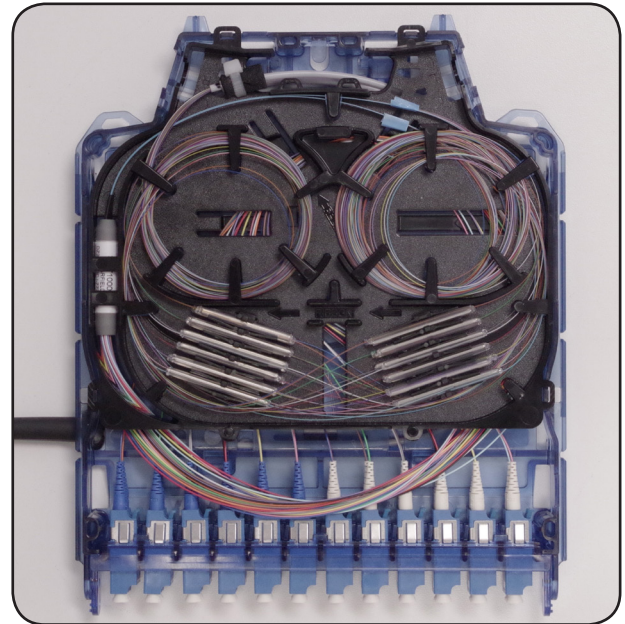
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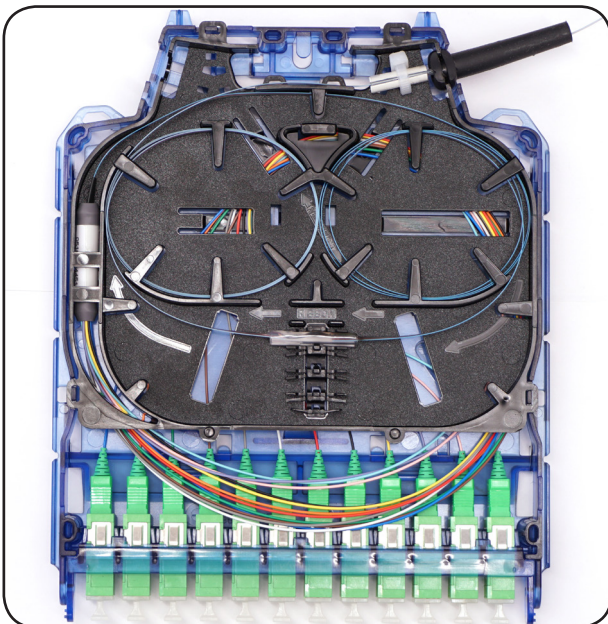
## Splicing Examples



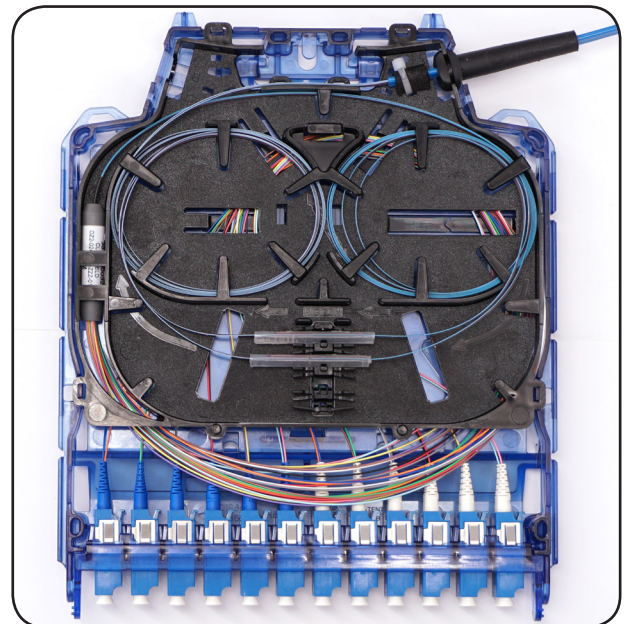
12 Fiber Loose Tube



24 Fiber Loose Tube



12 Fiber Ribbon



24 Fiber Dual Ribbon