

# Mass Ribbon Splice Cassette



# U-Series Mass Ribbon Splice Cassette

Before installing or adjusting this product, please read these instructions carefully. Please keep this guide for future reference.

## Safety Precautions



### General Precautions

Personnel must be thoroughly familiarized with all applicable Occupational Health and Safety (OH&S) regulations, local regulations, and your company safety practices and policies.

**Warning:** To reduce the chance of accidental injury:

Before work begins, all personnel must be thoroughly familiar with the operation of all equipment and procedures to be used during the installation.

Before use, all equipment, especially safety gear, must be inspected and tested for proper operation. Replace and repair as necessary.

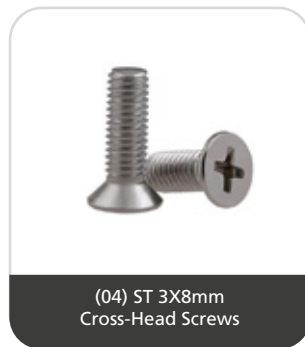


### Laser Precautions

**Warning:** The laser light used to transmit information over optical fiber cables can cause severe eye damage. Because this light is invisible, it will not cause the iris of the eye to contract involuntarily as when viewing a bright visible light, and no pain is felt as the retina is burned.

**Never look into the end of a fiber or connector which may have a laser coupled to it. Should accidental eye exposure to laser light be suspected, arrange for an eye examination immediately.**

# In the Box

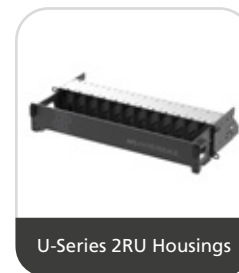


Item Number	Item	Qty
01	U-Series Mass Ribbon Splice Cassette with 12f/24f Pigtails	1
02	Ribbon Splice Protectors	2
03	Cover Label	1
04	ST 3X8mm Cross-Head Screws	2

# What You Will Need



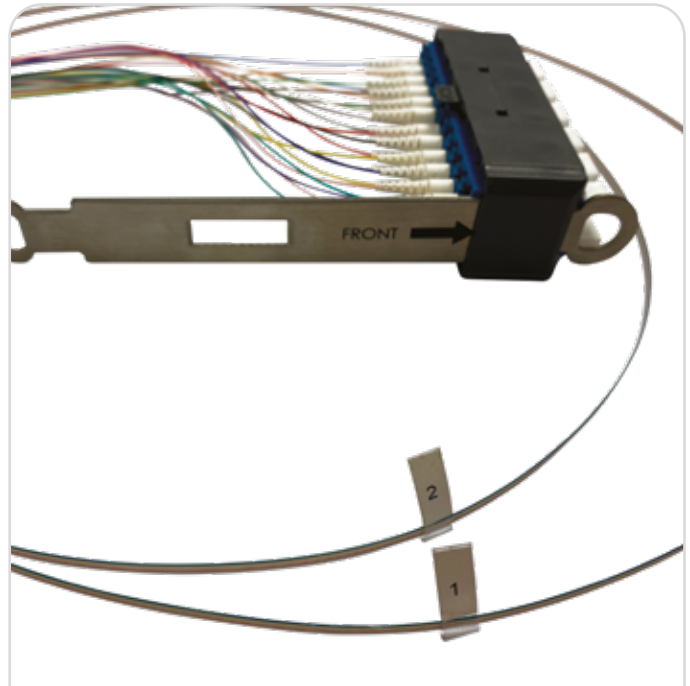
# Related Products



# Splicing the Cassette



**1** Take the cassette, hold the latch firmly, and slide back and remove the lid.



**2** Separate out the fibers into two groups identified by their number labels: **1** (fibers 1 to 12) and **2** (fibers 13 to 24). Take this opportunity to make sure the ribbons are not crossed or twisted.



**3** Measure and mark 50-60cm on your cable - this should be enough to create two loops of fiber. Proceed to place and secure the gland after the marking on made on the cable. Once complete, strip the cable.  
**Note:** Once the cable is stripped, do not remove all the aramid. It will be require later on to secure the cable to the holder - 5 cm should be enough.



**4** Identify the ribbon fiber to be used. The first ribbon is identified with one marking and the second ribbon is identified with two markings as shown in step 3. Use the splice protector as a guide to strip down and route the ribbon inside of the cassette. Input cable and pigtail should meet in the middle of the splice protector.

# Splicing the Cassette



**5** Proceed to splice. Once all fibers have been spliced, insert the gland into the cassette and secure. Secure the aramid tightly, making sure there is no slack with a strain tie to prevent movement and twisting of the pre-term.  
**Note:** We recommend coiling the fibers from the cable clockwise



**6** Carefully, reattach the lid by pressing down on the TOP tab and sliding the lid into the respective slots.



**7** Secure the lid with the two screws provided. Do not over-tighten.



**8** Place the label on the lid, ensuring that the latch orientation is the same.





## Thank you for choosing AFL Hyperscale

AFL Hyperscale reserves the right to make changes in this Installation Guide at any time without notice



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