

**Fiber Splice Horizontal  
Closure**

Model:  
N600H-0144-6

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[Tripplite.Eaton.com/support](http://Tripplite.Eaton.com/support)

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# 1. Closure Assembly

## 1.1 Open the Closure

Using the included tool, open the buckles of the closure (Figure 1-1).



Description	M8 Alien Spanner
Quantity	1 Pc.

*Figure 1-1: Open the buckle of the closure*

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## 1.2 Install the Uncut Cable

- 1 Unlock the limiting button to turn over all the splicing trays from the bottom (Figure 1-2).

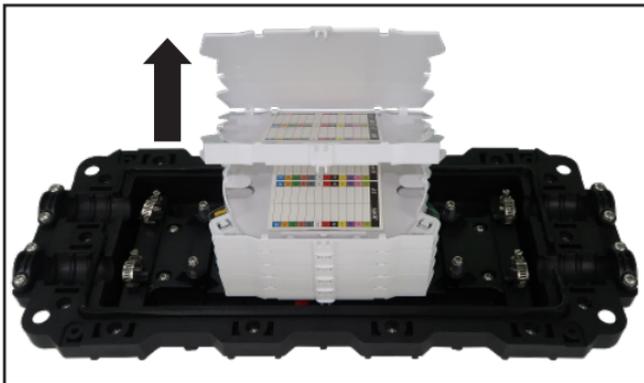


Figure 1-2: Turn over all the trays

- 2 Remove the cable clamp from the cable entry (Figure 1-3).

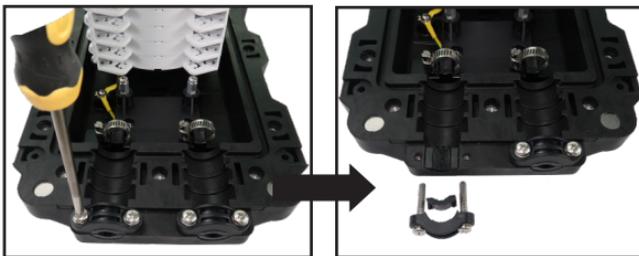


Figure 1-3: Remove cable clamp

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- Strip the sheath of the uncut cable for a suitable length  $\geq 4$  ft. (1.2 m) (Figure 1-4).

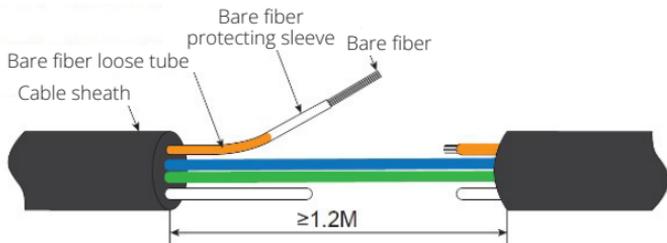


Figure 1-4: Strip the uncut cable

- Cut the strength member of the cable from the stripped cable sheath to 2.4 in. (60 mm) to fix the cable (Figure 1-5).

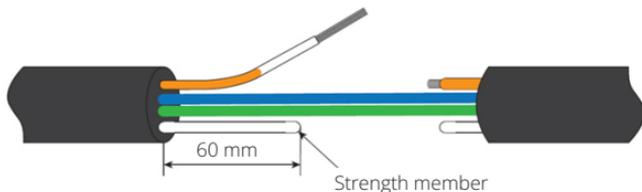


Figure 1-5: Cut the strength member

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- 5 Choose two suitable size washers. Using a pair of scissors or other cutting tool, cut the washers, then pass the loose tube cable through the washer (Figure 1-6).



A	Description	13 Washer
	Quantity	8 Pcs.
	Description	16 Washer
	Quantity	8 Pcs.
	Description	19 Washer
	Quantity	8 Pcs.

Figure 1-6: Cut washer

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- 6 Wrap the un-vulcanized rubber tape around the cable (Figure 1-7).

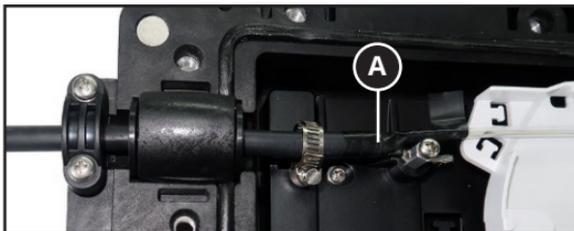


A	Description	Un-vulcanized Rubber Tape
	Quantity	2 Pcs.

Figure 1-7: Wrap un-vulcanized rubber tape

- 7 Run the cable through the cable entry (Figure 1-8).

**Note:** When bare fiber is used, EVA tube should be used to protect bare fiber. Use insulation tape to wrap the EVA tube and cable.



A	Description	Insulation Tape
	Quantity	1 Roll

Figure 1-8: Run the cable through the cable entry

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- 8 Secure the plastic clamp, hoop and strength member (Figure 1-9).



*Figure 1-9: Secure the plastic clamp, hoop and strength member*

## 1. Closure Assembly

- 9 Store the slack cable in the bottom of the case (Figure 1-10).

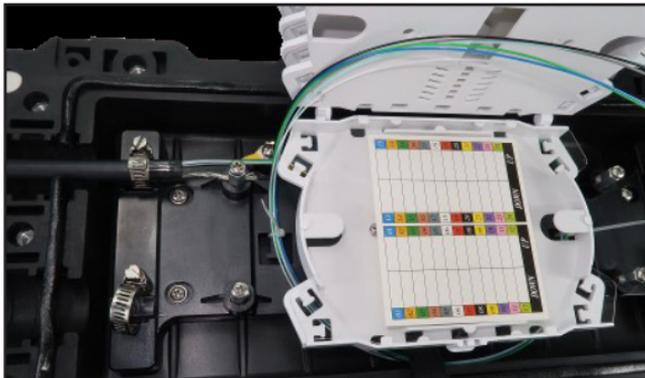


Figure 1-10: Store the slack cable

- 10 Manage cable with the magic band tie (Figure 1-11).

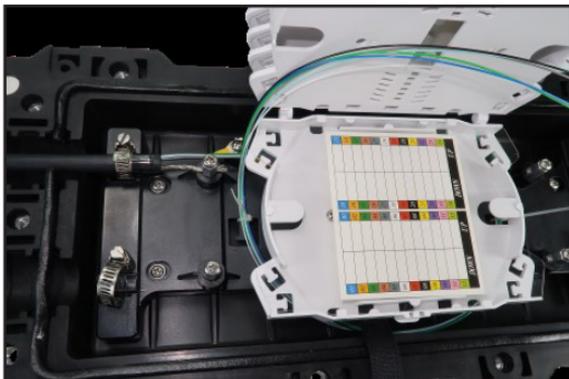


Figure 1-11: Manage cable

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- 11 Install the pass-through on the other side (Figure 1-12).

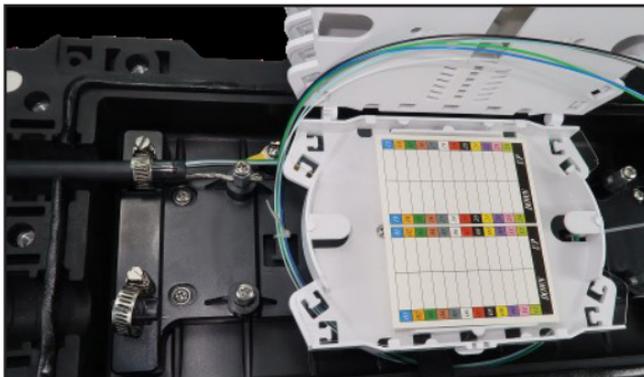


Figure 1-12: Install pass-through cable through other cable entry

- 12 For the unused cable entry, use the choke plug to seal cable entry (Figure 1-13).



A	Description	Choke Plug (Ø25 mm)
	Quantity	2 Pcs.

Figure 1-13: Seal the unused hole

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## 1.3 Install the Branching Cable

- 1 Turn over the splice tray and remove the cable clamp from the tray (Figure 1-14).

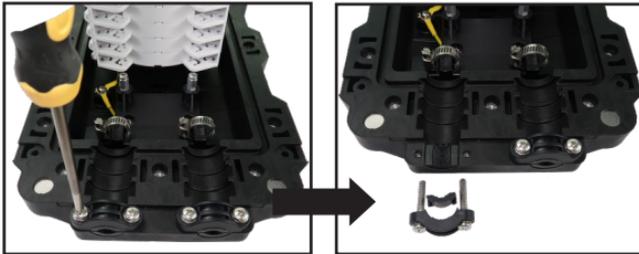


Figure 1-14: Remove cable clamp

- 2 Strip the branching cable to a suitable length of  $\geq 4$  ft. (1.2 m) (Figure 1-15).

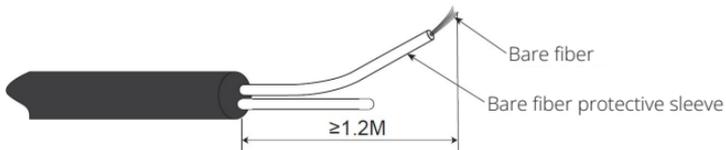


Figure 1-15: Strip the branching cable

- 3 Cut the strength member of the cable from the stripped cable sheath 2.4 in. (60 mm) to fix the cable (Figure 1-16).

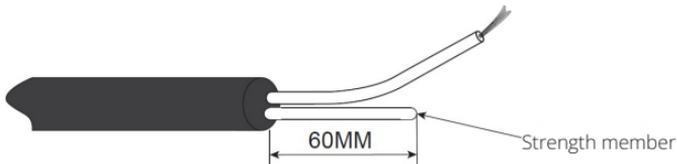


Figure 1-16: Strength member

## 1. Closure Assembly

### 1.4 Splice and Store the Fiber

- 1 Cut the loose tube with a loose tube stripper. Pull out the loose tube, then clean the bare fiber with cleaning paper (Figure 1-17).

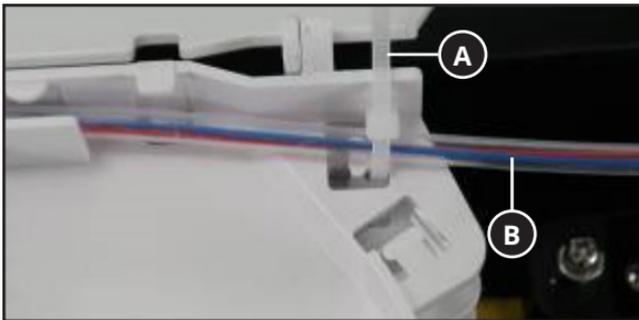


Description	Cleaning Paper
Quantity	1 Pc.

Figure 1-17: Strip the fiber

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- 2 Insert the bare fiber into the EVA tube, then secure the EVA tube and fiber in the splice tray with a tie (Figure 1-18).

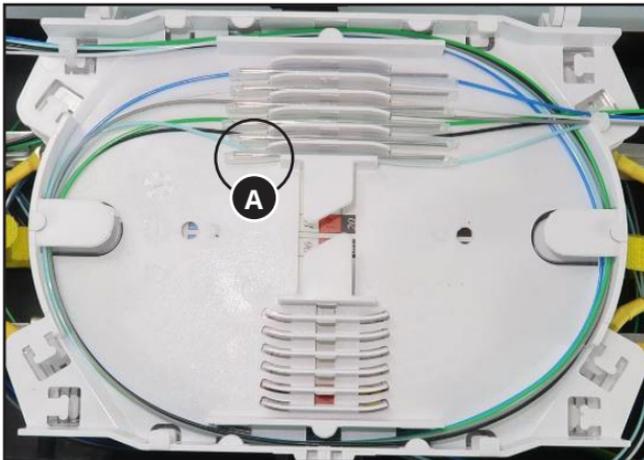


<b>A</b> 	Description	Nylon Cable Tie
	Quantity	20 Pcs. (use as required)
<hr/>		
<b>B</b> 	Description	EVA Tube
	Quantity	1 Roll

Figure 1-18: Secure the EVA tube and fiber

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- 3 Coil the bare fiber in the splicing tray (Figure 1-19).



	Description	Single Splicing Protective Tube
	Quantity	144 Pcs.

Figure 1-19: Coil the bare fiber

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- 4 Close the cover of the splicing tray and tie them up with the bondage belt (Figure 1-20).



Figure 1-20: Close the splicing tray cover

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## 1.5 Close the Closure

- 1 Put the cover on the bottom case. Take note of the direction of the cover. Secure the screws that connect the cover and the bottom case according to the sequence (Figure 1-21).

**Note:** Before closing the top cover, the un-vulcanized rubber strip should be placed into the closure slot.



Figure 1-21: Secure the closure

## 2. Closure Installation

### 2.1 Aerial Installation (Default Installation Configuration)

The aerial installation accessory is shown in Figure 2-1.



A	Description	Aerial Mounting Hardware
	Quantity	1 Set

Figure 2-1: Aerial installation accessory

- 1 Fix the aerial clasps into the slots at the edge of the bottom base (Figure 2-2).



Figure 2-2: Install the clasps

## 2. Closure Installation

- 2 Mount the closure to the wire and fasten the bolts (Figure 2-3).



*Figure 2-3: Mount the closure to the wire*

## 2. Closure Installation

### 2.2 Wall Installation (Optional)

The wall-mounting accessory is shown in Figure 2-4.

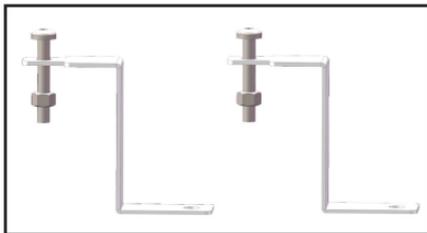


Figure 2-4: Wall-mounting accessory

- 1 Drill two holes in the wall using a percussion drill (Figure 2-5).

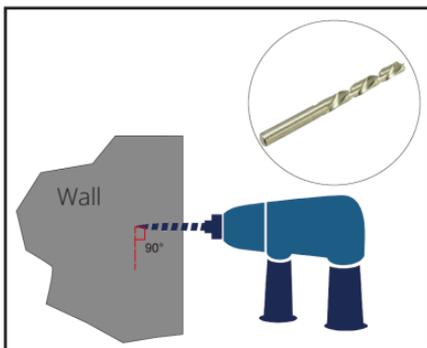


Figure 2-5: Drill holes in the wall

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- 2 Position the two holes 14 in. (360 mm) apart (Figure 2-6).



Figure 2-6: Position of the holes

- 3 Hammer the expansion bolt completely into the drilled holes. Rotate the bolt clockwise to make the expansion sleeve wholly expanded, then rotate the nut counterclockwise and remove the spring washer, flat washer and nut (Figure 2-7).

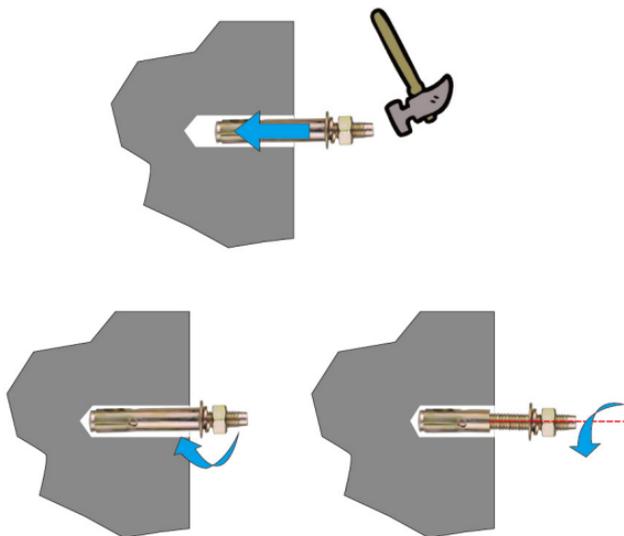


Figure 2-7: Install the expansion bolt

## 2. Closure Installation

- 4 Fix the wall-mounted clasps into the slots at the edge of the bottom base (Figure 2-8).



Figure 2-8: Install the clasps

- 5 Put the closure with the wall-mounted clasps onto the wall (Figure 2-9).



Figure 2-9: Put the closure onto wall

## 3. Warranty

### 3-Year Limited Warranty

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