

Fiber Splice Horizontal Closure

Models:
N600H-0288-6

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Powering Business Worldwide

1. Closure Assembly

1.1 Open the Closure

Using a flat-head tool, pry open the buckles of the closure (Figure 1-1).



Figure 1-1: Open the buckle of the closure

1.2 Install the Uncut Cable

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



Figure 1-2: Turn over all the trays

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- 2 Remove the nut component from the pass-through cable entry (Figure 1-3).

Note: The cable entry is suitable for uncut cable or branching cable.



Figure 1-3: Put down the nut component

- 3 Loosen the two screws of the nut component, then open the nut component (Figure 1-4).



Figure 1-4: Open the nut component

1. Closure Assembly

- 4 Loosen the four screws of the wedge (Figure 1-5).

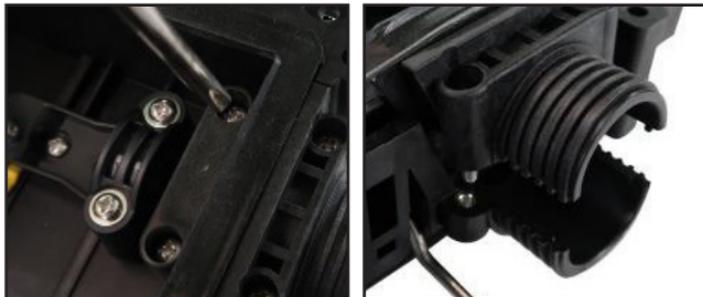


Figure 1-5: Put down the wedge

- 5 Cut open the circular sealing ring in a horizontal direction (Figure 1-6).



Figure 1-6: Cut open the sealing ring

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- Loosen the two screws to remove the upper press clamping (Figure 1-7).

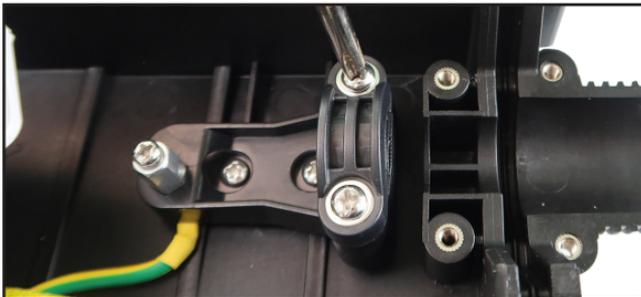


Figure 1-7: Remove the upper clamping

- Remove the upper and lower linings if using a cable with a larger diameter (Figure 1-8).

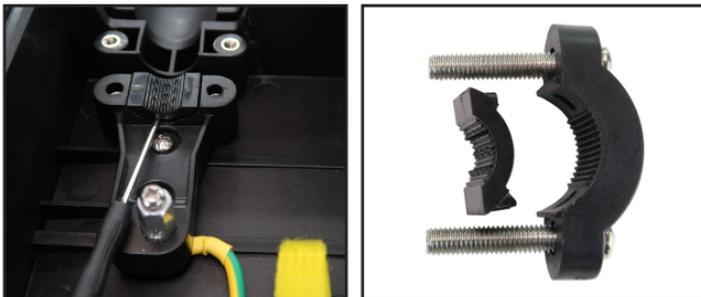


Figure 1-8: Remove upper and lower hinge for large diameter cable

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- Strip the sheath of the uncut cable for a suitable length ≥ 4 ft. (1.2 m) (Figure 1-9).

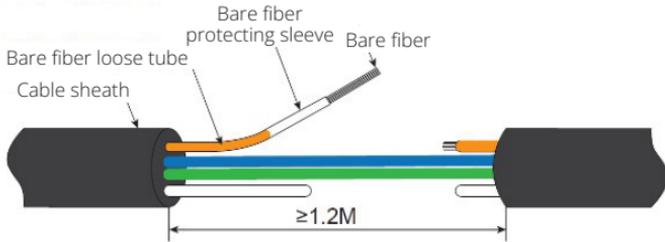


Figure 1-9: Strip the uncut cable

- Cut the strength member of the cable from the stripped cable sheath to 2.4 in. (60 mm) to fix the cable (Figure 1-10).

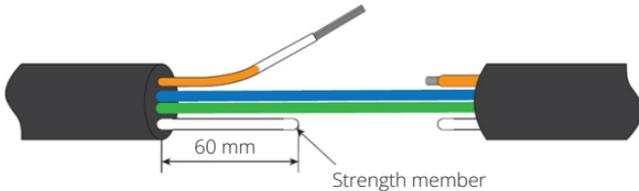
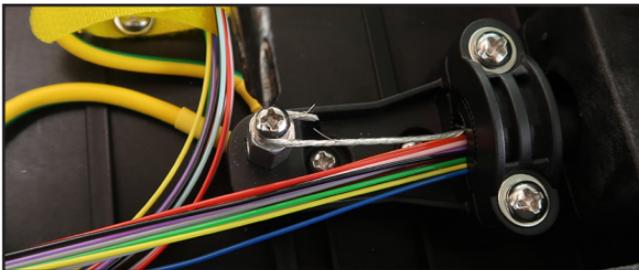


Figure 1-10: Cut the strength member

1. Closure Assembly

- 10 Run the cable through the hole: Insert the strength member, then secure the strength member with the screw (Figure 1-11).

Note: To enhance cable surface friction, use sandpaper.



	Description	Sandpaper
	Quantity	1 Pc.

Figure 1-11: Secure the strength member

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- 11 Secure the upper press clamping (Figure 1-12).



Figure 1-12: Secure the upper press clamping

- 12 Secure the wedge (Figure 1-13).

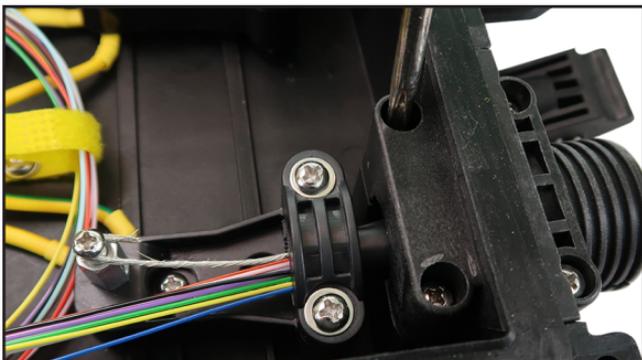


Figure 1-13: Secure the wedge

1. Closure Assembly

- 13 Store the loose tube in the bottom case (Figure 1-14).

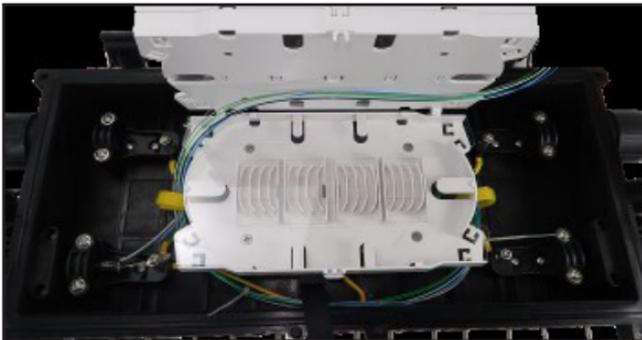


Figure 1-14: Store the loose tube

- 14 Manage cable with the magic band tie (Figure 1-15).

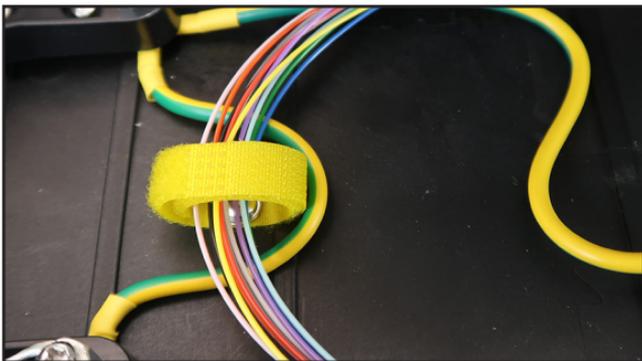


Figure 1-15: Manage cable with magic band tie

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- 15 Install the pass-through cable on the other side (Figure 1-16).



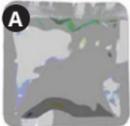
Figure 1-16: Install the pass-through cable on the other side

1. Closure Assembly

- 16 Using a pair of scissors or other cutting tool, cut a small hole into the grommet (Figure 1-17).

Note: To enhance cable entry sealing, apply silicon oil into the grommet.



	Description	Silicon Oil
	Quantity	1 Pc.

	Description	Ø8-Ø14 Single Hole Grommet
	Quantity	6 Pcs.
	Description	Ø14-Ø18 Single Hole Grommet
	Quantity	4 Pcs.
Description	Ø14-Ø18.7 Single Hole Grommet	
Quantity	2 Pcs.	

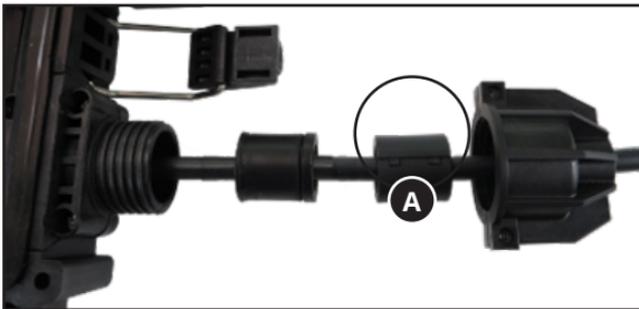
1. Closure Assembly

Note: If using $\varnothing 14\text{-}\varnothing 18.7$ single grommet, a washer should be added to both sides.

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

Figure 1-17: Cut small hole into grommet

- 17 Run the pass-through cable through the single hole grommet, squeeze component, and nut component (Figure 1-18).



	Description	Squeeze Component
	Quantity	4 Pcs.

Figure 1-18: Run pass-through cable

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- 18 Install the screws of the nut component and fasten the screws (Figure 1-19).



Figure 1-19: Fasten the screws

- 19 Push and screw all the components for the pass-through cable inward (Figure 1-20).

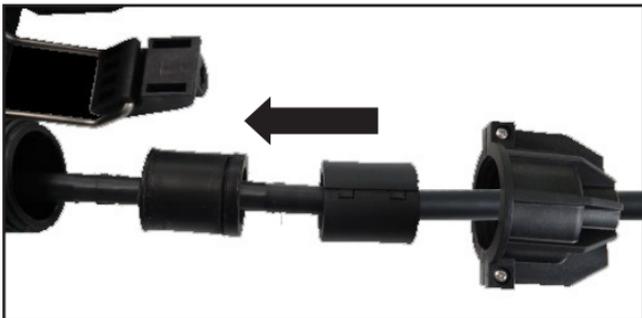


Figure 1-20: Install all the components

1. Closure Assembly

- 20 For the unused pass-through cable hole, use a single-hole grommet to seal the cable entry (Figure 1-21).

Note: If a single-hole grommet does not provide a seal, a choke plug should be inserted into this hole.



	Description	Choke Plug (Ø12.5 mm)
	Quantity	6 Pcs.

Figure 1-21: Seal the unused pass-through cable hole

1. Closure Assembly

1.3 Install the Branching Cable

- 1 Turn over the splice tray and remove the nut for the branching cable from the cable hole (Figure 1-22).

Note: The cable entry is only suitable for branching cable.



Figure 1-22: Remove the nut

- 2 Loosen the two screws to remove the upper press clamping (Figure 1-23).



Figure 1-23: Remove the press clamping

1. Closure Assembly

- 3 Strip the branching cable to a suitable length of ≥ 4 ft. (1.2 m) (Figure 1-24).

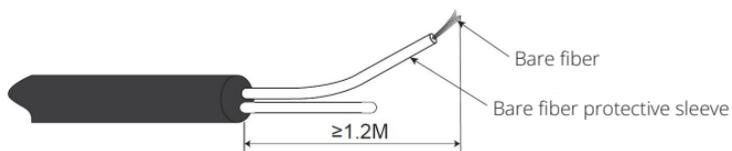


Figure 1-24: Strip the branching cable

- 4 Cut the strength member of the cable from the stripped cable sheath 2.4 in. (60 mm) to fix the cable (Figure 1-25).

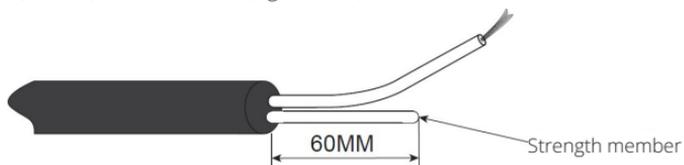


Figure 1-25: Strength member

1. Closure Assembly

- 5 Attach the branching cable into the hole: insert the strength member, then secure the strength member with the screw (Figure 1-26).

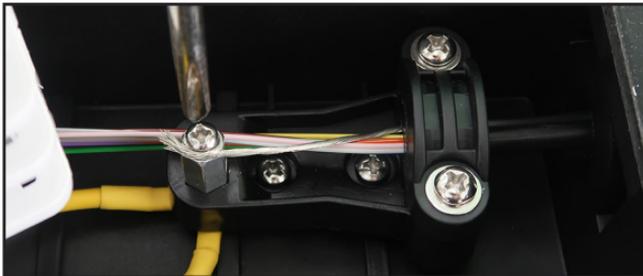


Figure 1-26: Attach the strength member

- 6 Secure the upper press clamping (Figure 1-27).

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



Description	Insulation Tape
Quantity	1 Roll

Figure 1-27: Secure the press clamping

1. Closure Assembly

- 7 Store and manage the cable (as shown in steps 17 and 18 in section 1.2 **Install the Uncut Cable**), then push and screw all the components for the branching cable inward (Figure 1-28).



Figure 1-28: Push all the components

- 8 For the unused branching cable hole, loosen the nut, then insert the sealing plug, squeeze component and the nut. Screw the nut inward to seal the hole (Figure 1-29).



Figure 1-29: Seal the unused branching cable hole

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 1-30)

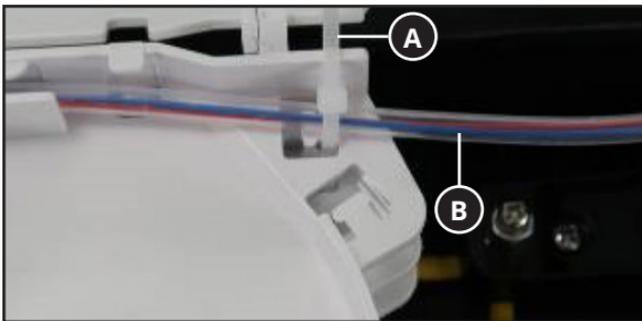


	Description	Cleaning Paper
	Quantity	1 Pc.

Figure 1-30: Strip the fiber

1. Closure Assembly

- 2 Insert the bare fiber into the EVA tube, then secure the EVA tube and fiber in the splice tray with a tie (Figure 1-31).

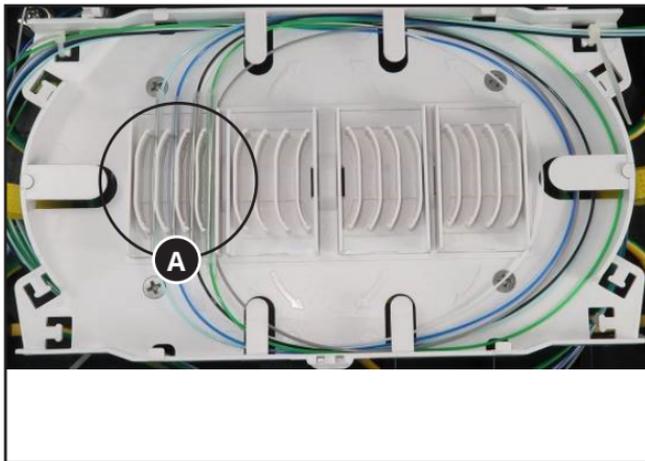


A 	Description	Nylon Cable Tie
	Quantity	20 Pcs. (use as required)
<hr/>		
B 	Description	EVA Tube
	Quantity	1 Roll

Figure 1-31: Secure the EVA tube and fiber

1. Closure Assembly

- 3 Coil the bare fiber in the splicing tray (Figure 1-32).



	Description	Single Splicing Protective Tube
	Quantity	288 Pcs.

Figure 1-32: 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 1-33).

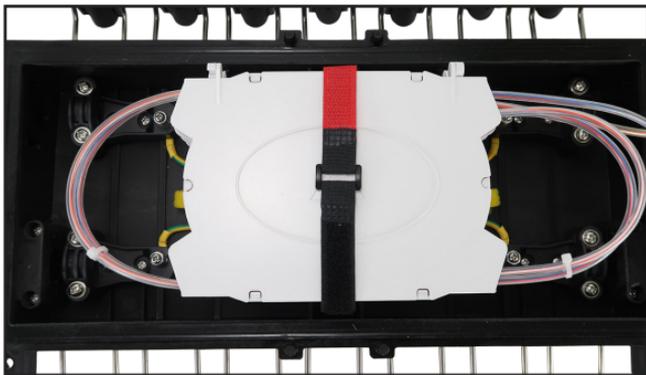


Figure 1-33: Close the splicing tray cover

1. Closure Assembly

1.5 Close the Closure

- 1 Put the cover on the bottom case. Take note of the direction of the cover. Close the buckles that connect the cover and the bottom case according to the sequence shown in Figure 1-34.

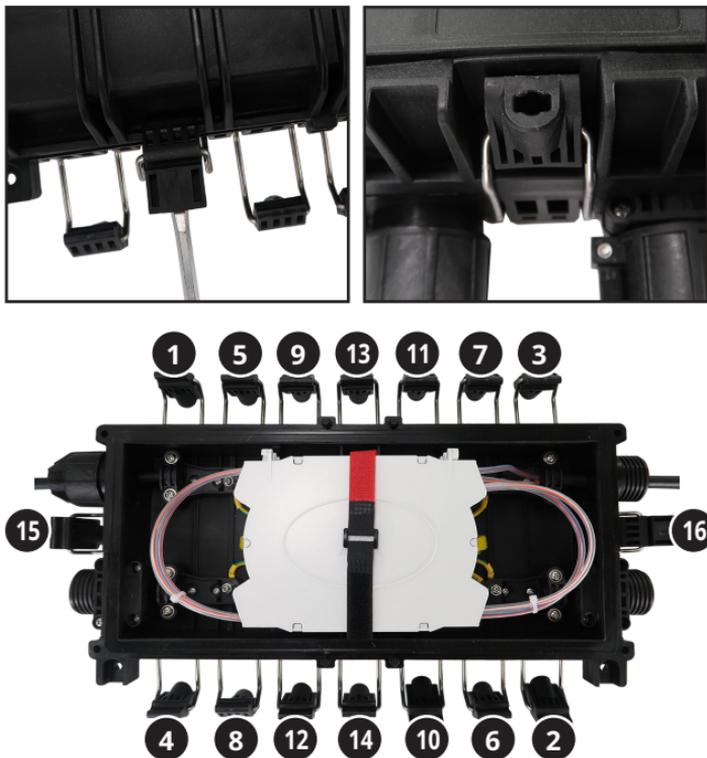


Figure 1-34: Close the buckles

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.

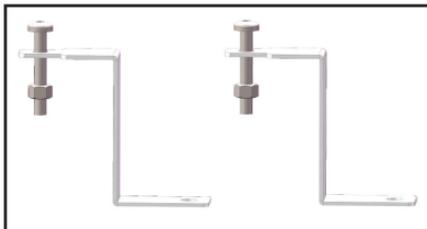


Figure 2-4: Wall-mounting accessory

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

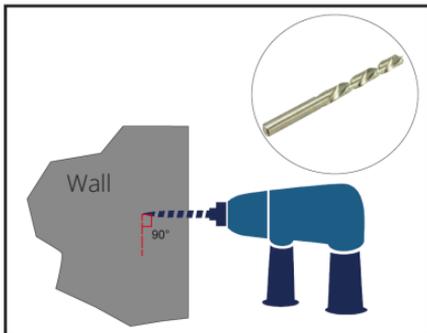


Figure 2-5: Drill holes in the wall

2. Closure Installation

- 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).

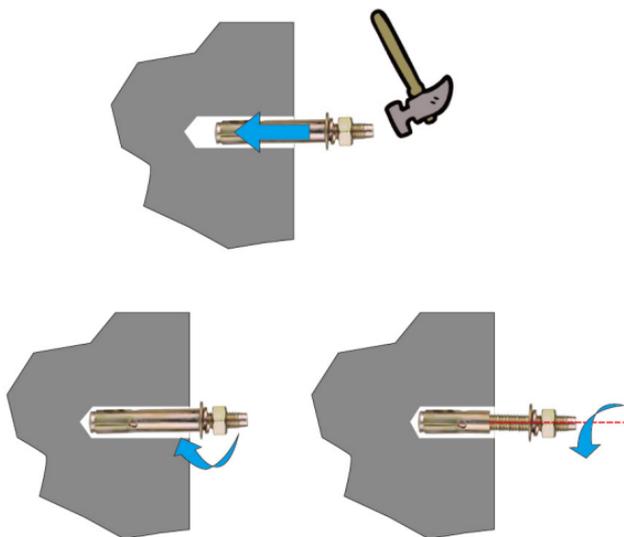


Figure 2-7: Install the expansion bolt

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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