

Fiber Splice Horizontal Closure

Models:
N600H-0072-3

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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).

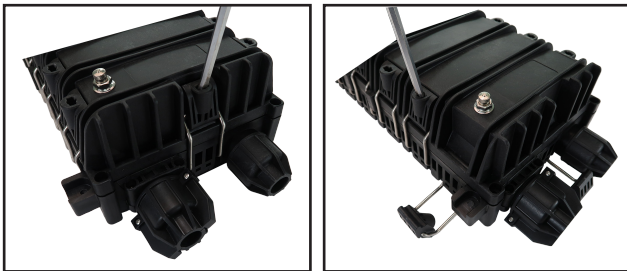


Figure 1-1: Open the buckle of the closure

1. Closure Assembly

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).

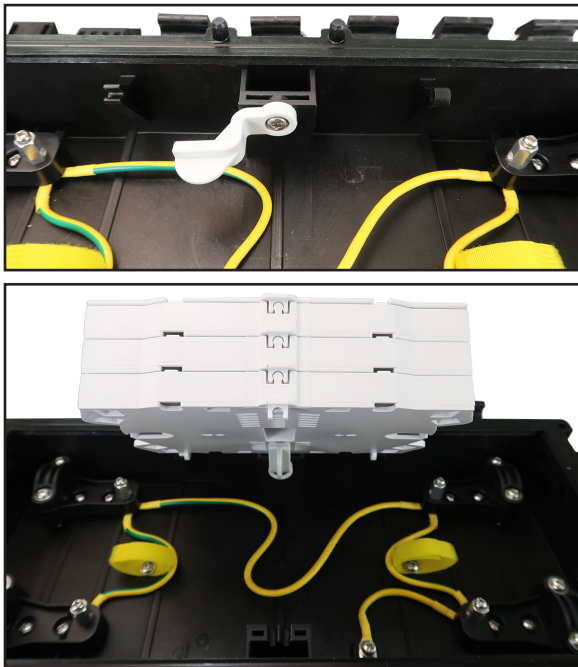


Figure 1-2: Turn over all the trays

1. Closure Assembly

- 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.

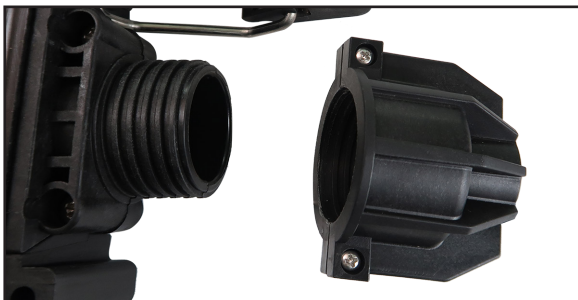


Figure 1-3: Remove the nut component

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

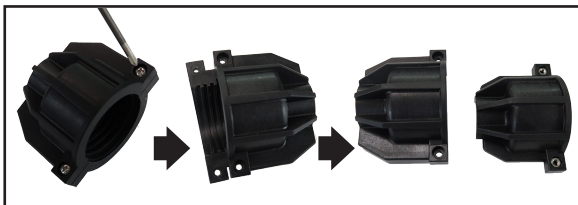


Figure 1-4: Open the nut component

1. Closure Assembly

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

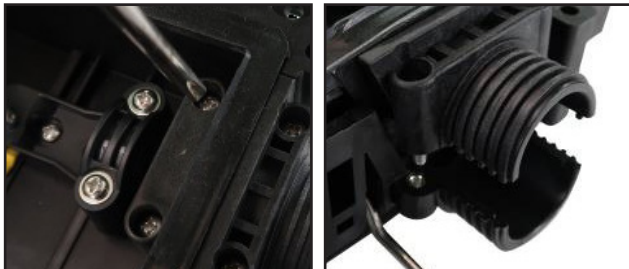


Figure 1-5: Loosen the screws

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



Figure 1-6: Cut open the sealing ring

1. Closure Assembly

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



Figure 1-7: Remove the upper clamping

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

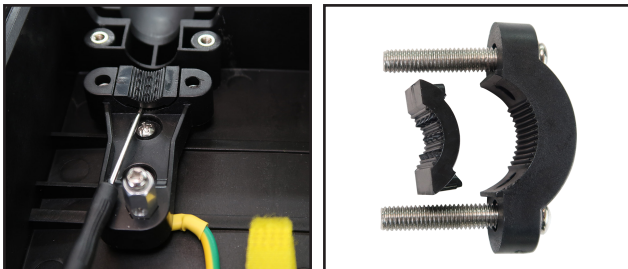


Figure 1-8: Remove upper and lower hinge for large diameter cable

1. Closure Assembly

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

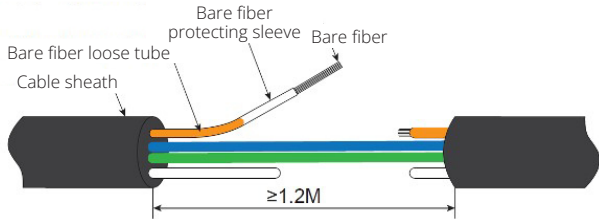


Figure 1-9: Strip the uncut cable

- 9 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).

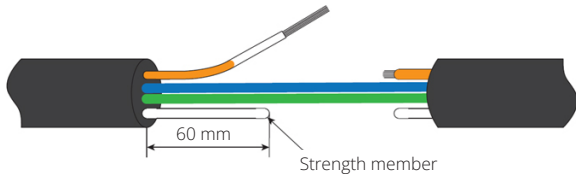
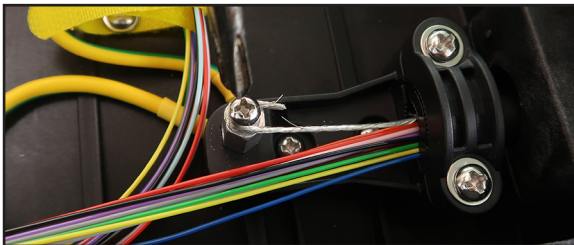


Figure 1-10: Cut the strength member

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.



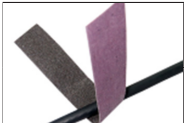
| | | |
|---|-------------|-----------|
|  | Description | Sandpaper |
| | Quantity | 1 Pc. |

Figure 1-11: Secure the strength member

1. Closure Assembly

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

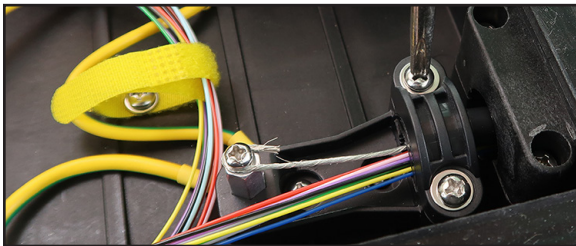


Figure 1-12: Secure the upper press clamping

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

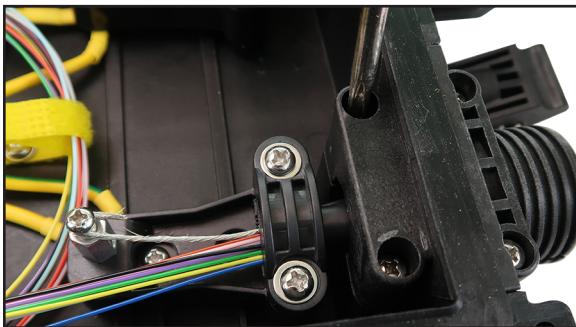


Figure 1-13: Secure the wedge

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).

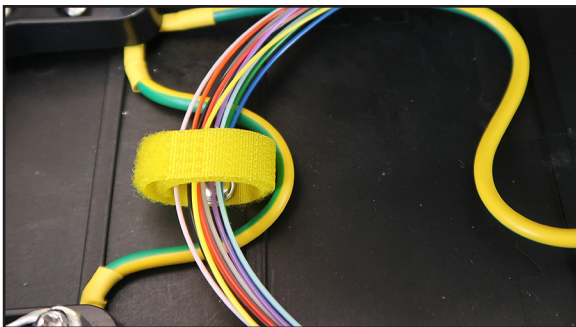


Figure 1-15: Manage cable with magic band tie

1. Closure Assembly

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



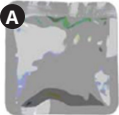
Figure 1-16: Install the pass-through cable on the other side

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. |


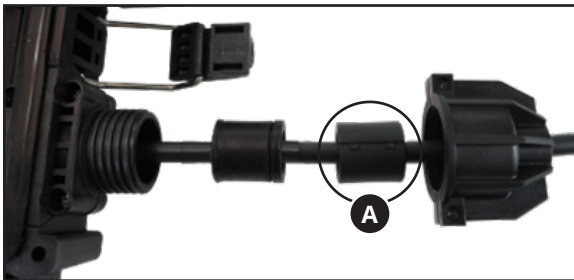
| | | |
|---|-------------|-----------------------------|
|  | Description | Ø8-Ø14 Single Hole Grommet |
| | Quantity | 4 Pcs. |
| | Description | Ø14-Ø18 Single Hole Grommet |
| | Quantity | 4 Pcs. |

Figure 1-17: Cut small hole into grommet

1. Closure Assembly

- 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

1. Closure Assembly

- 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).

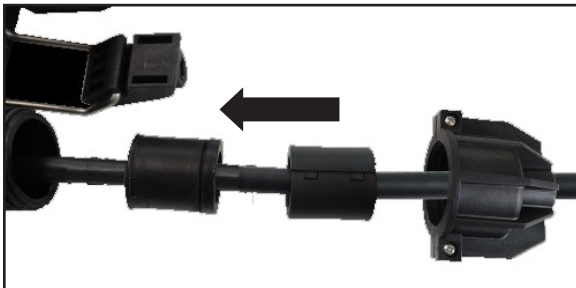


Figure 1-20: Install all the components

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).

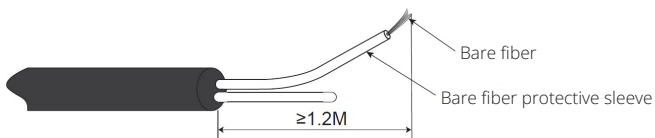


Figure 1-24: Strip the branching cable

- 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).

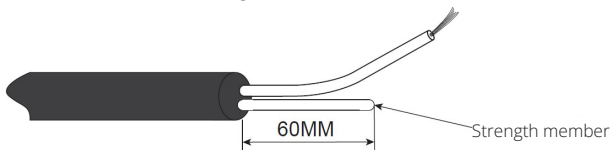


Figure 1-25: Strength member

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).

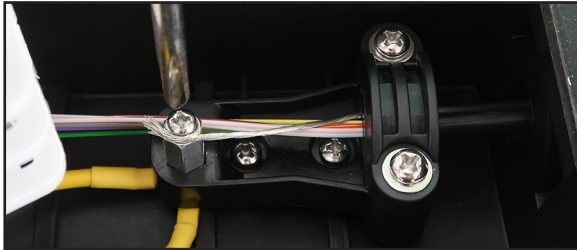


Figure 1-26: Attach the strength member

- 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).

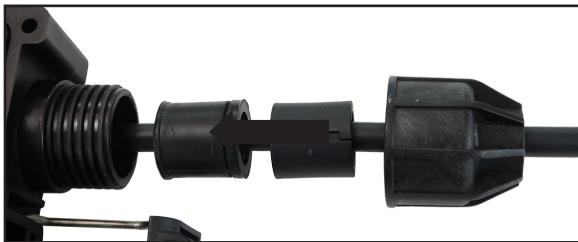


Figure 1-28: Push all the components

- 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).

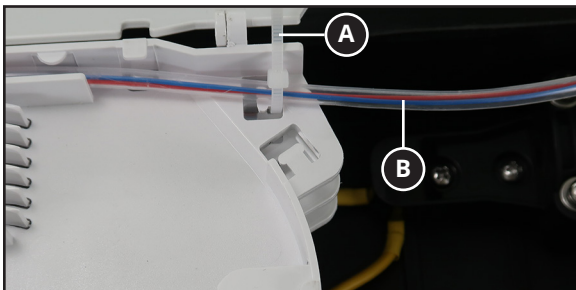


| | |
|-------------|-------------|
| Description | Clean Paper |
| Quantity | 1 Pc |

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).





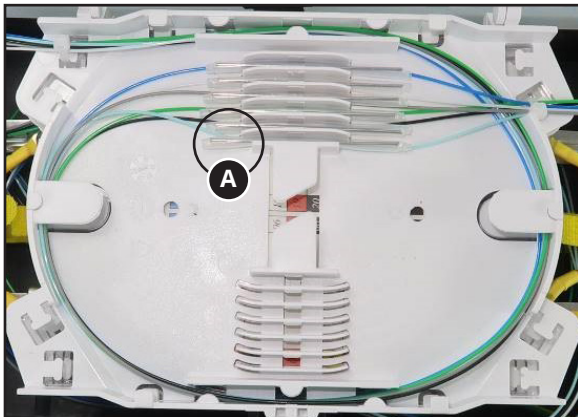
| | | |
|---|-------------|---------------------------|
| A  | Description | Nylon Cable Tie |
| | Quantity | 20 Pcs. (use as required) |
| B  | Description | EVA Tube |
| | Quantity | 1 Roll |

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 | 72 Pcs. |

Figure 1-32: Coil the bare fiber

1. Closure Assembly

- 4 Close the cover of the splicing tray and secure it with the bondage belt (Figure 1-33).

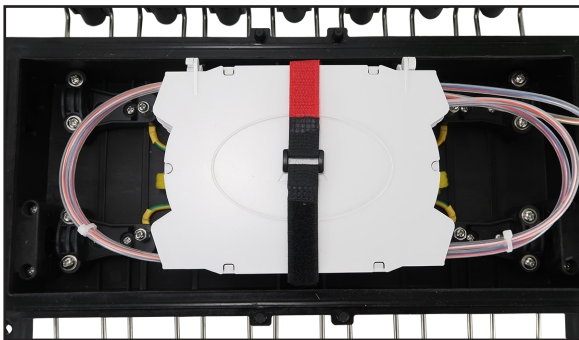


Figure 1-33: Close the splicing tray cover

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.

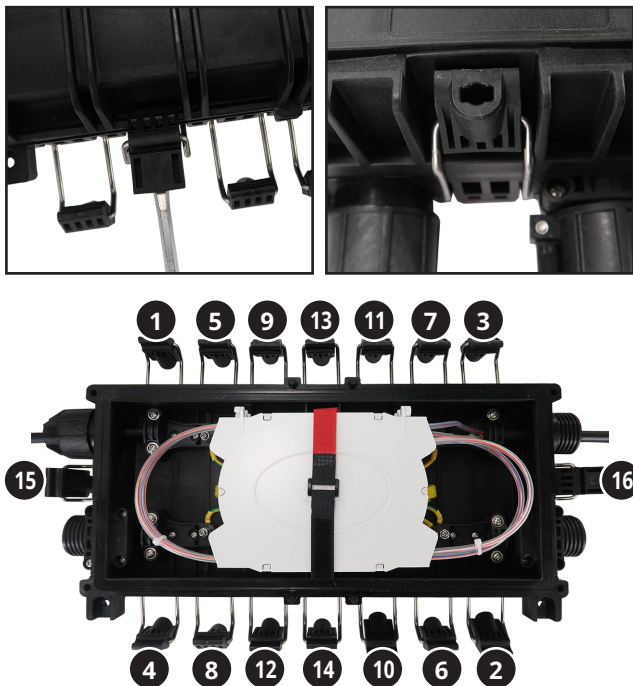
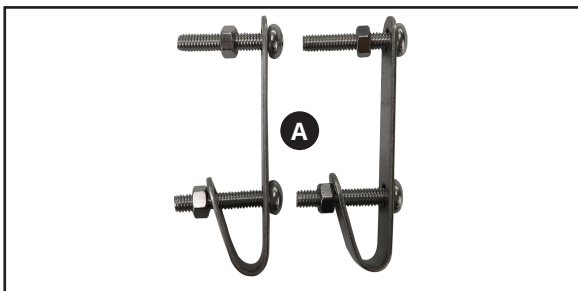


Figure 1-34: Close the buckles

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.

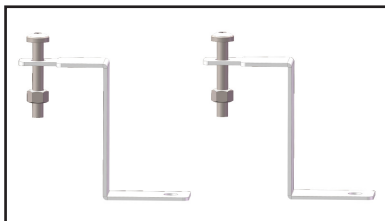


Figure 2-4: Wall-mounting accessory

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

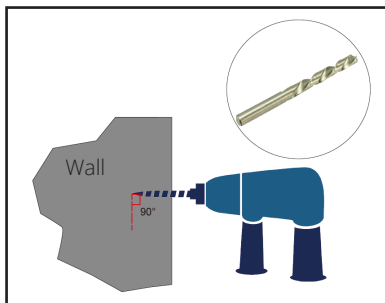


Figure 2-5: Drill holes in the wall

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).

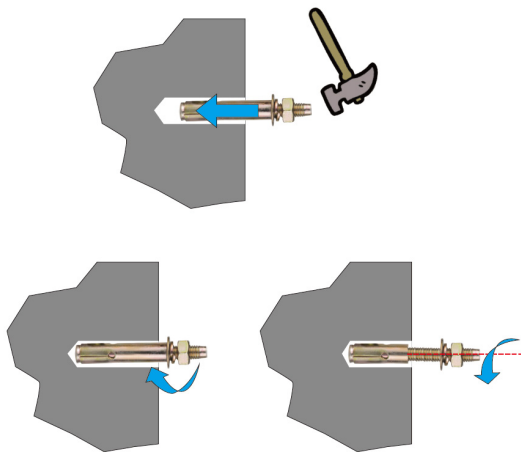


Figure 2-7: Install the expansion bolt

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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