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1 - PRESENTATION

The Gf-TA Hestia is an optical fiber network terminal outlet installed at the customer accommodation. Its compact and neat design allows it to fit perfectly into different FTTH and FTTO installations. Its design allows the management of bare and/or sheated fibers, thus providing robust mechanical protection with optimized implementation. In association with a large choice of DROPTIC® connection cables, it can be delivered in kit pre-wired.

DESIGNATION	CONDT	PACKG DIMENSIONS	QUANTITY PER PALLET
Gf-TA HESTIA 2FO with adapters and pigtails LC/APC	20	300 x 200 x 200mm	1600
Gf-TA HESTIA 4FO with adapters and pigtails LC/APC			



Weight: 0.1kg



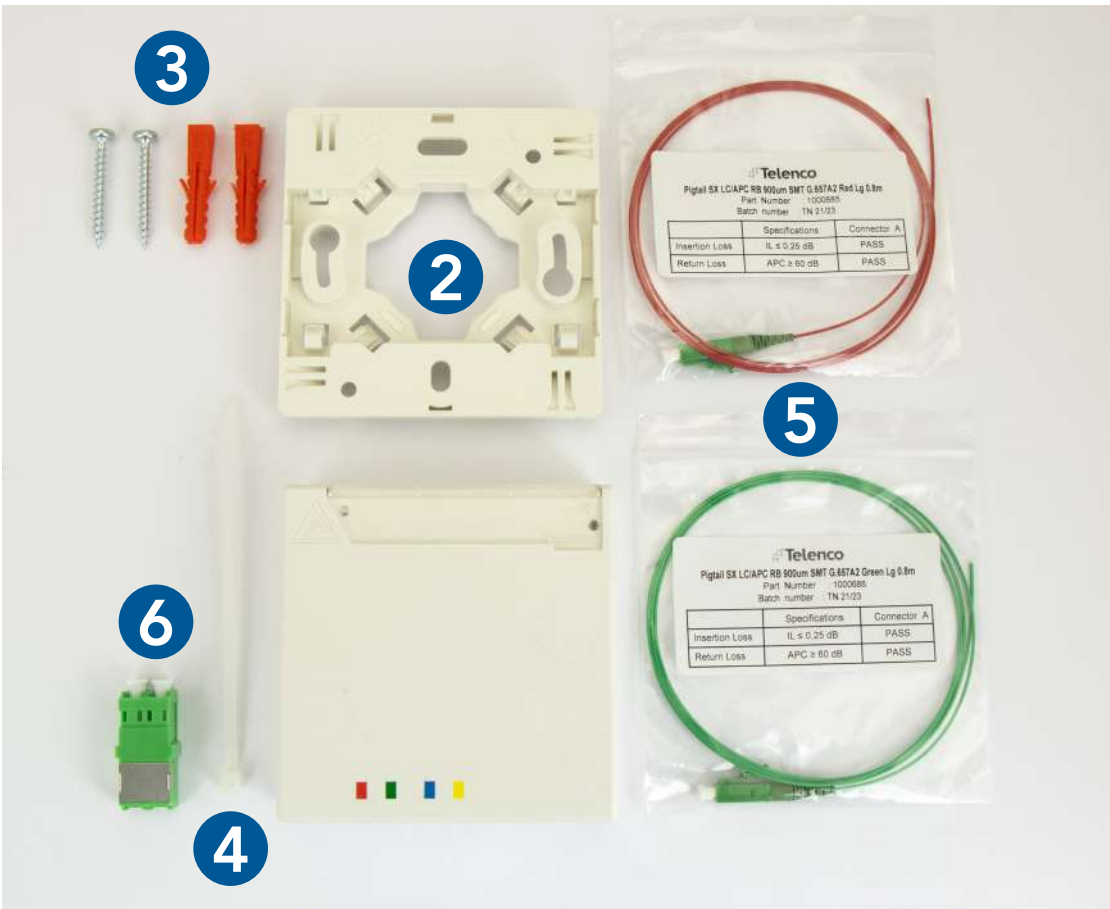
Dimensions (with / without plate) : W 80 x L 80 x D 31 / 24mm

Packaging dimensions : W 200 x L 150 x D 35mm

1 - PRESENTATION

Gf-TA Hestia

- 1 Gf-TA HESTIA
 - 2FO
 - 4FO
- 2 Fixing Plate
- 3 Screws and dowels
- 4 Plastic hose clamp
- 5 2 or 4 pigtail(s) depending on version
- 6 1 or 2 adapter(s) depending on version



2 - PIGTAIL ASSEMBLING



Open the OTO: press the top part of the outlet and remove the lid.



Remove the breakable plastic part(s).

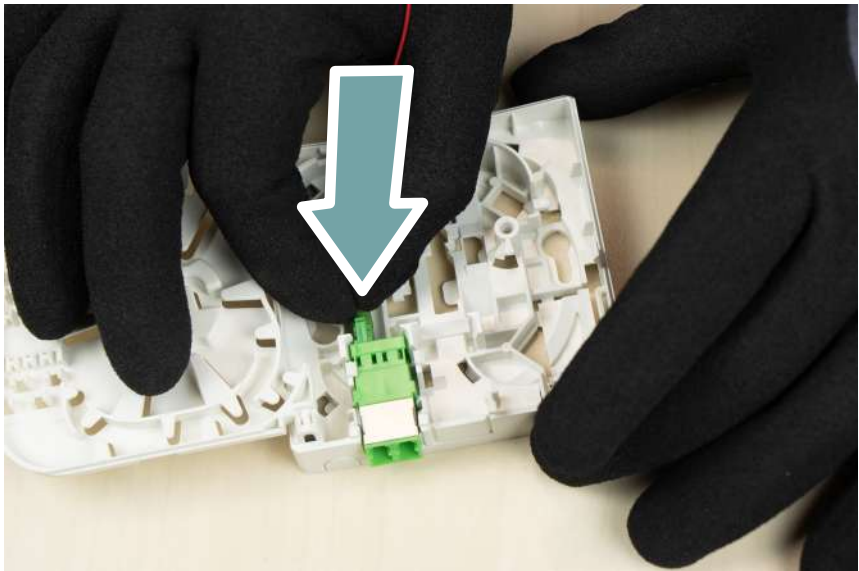


Insert the adapter(s) and clip it(them). Remove the dust caps.

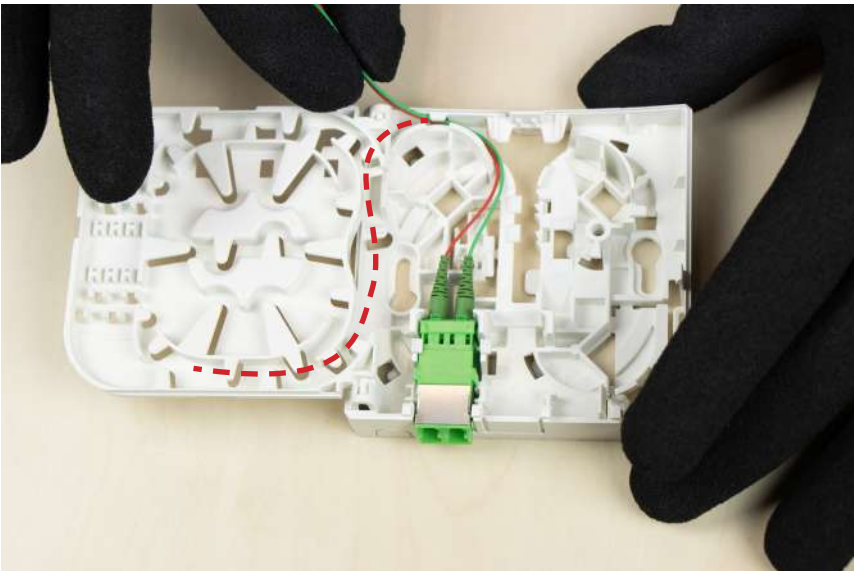
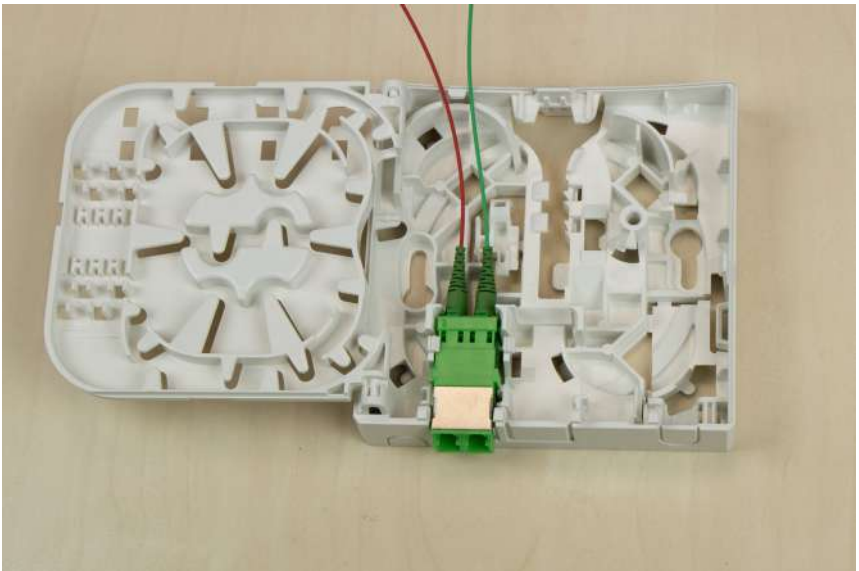


Remove the pigtails dust caps.

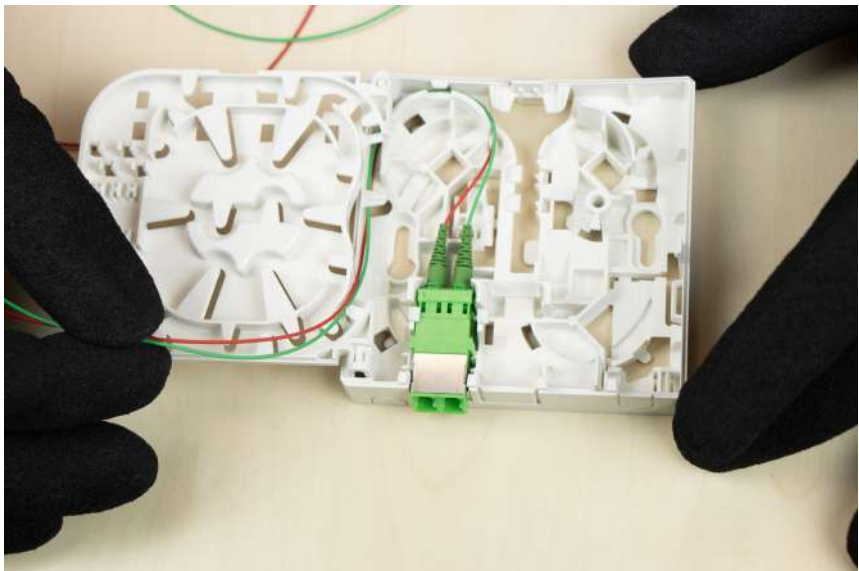
2 - PIGTAIL ASSEMBLING



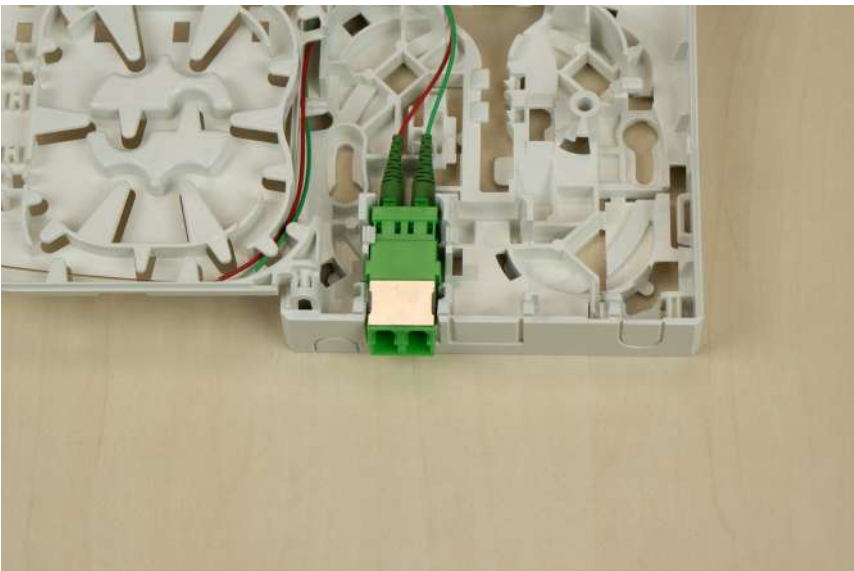
Insert the pigtails into the adapters.



Lay the modules following this path.



Strip the modules.



The OTO is ready for installation.

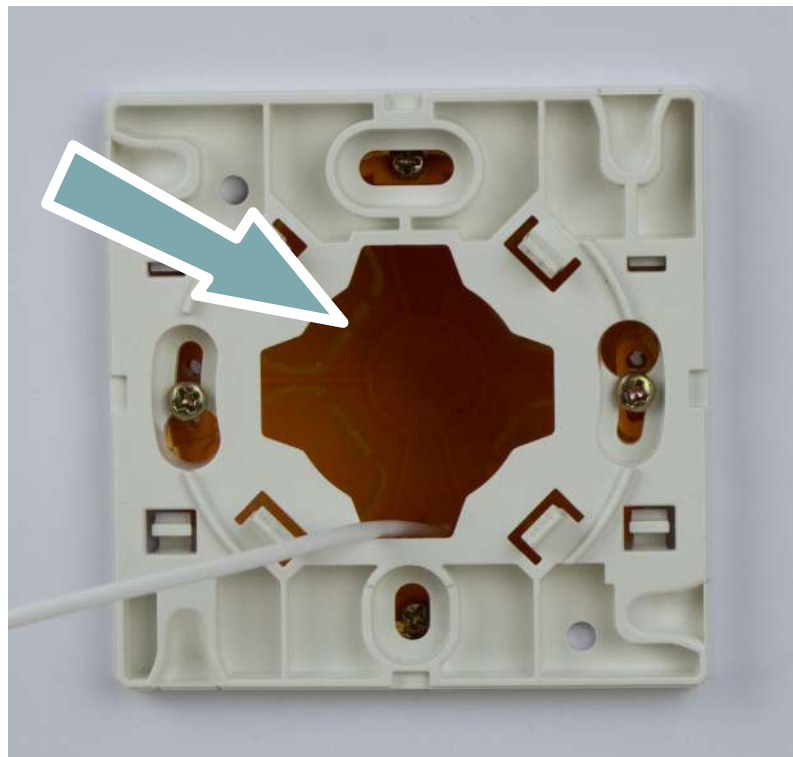
3 - IMPLEMENTATION - FIXING

FIXING THE PLATE (ACCORDING THE INSTALLATION CONFIGURATION)

1

- **Flux box mounting**

Use the screws of the flux mounting box.



In this configuration, the cable go through the plate.

- **Wall mounting**

Screwed: use the provided screws and wall plugs (6mm drilling).



Sticked: cut and stick 2 pieces of double side tape on the back of the plate.



3 - IMPLEMENTATION - FIXING WALL MOUNTING WITHOUT PLATE

2

Sticked

1. Manage the cable (§ 4.1).
2. Cut & stick 2 pieces of double side tape on the back of the OTO.
3. Stick the OTO on the wall.



Screwed

On wall:

1. Manage the cable (§ 6.1).
2. Open the OTO.
3. Open the tray.
4. Mark the holes on the wall.
5. Drill, dowel (use the supplied kit).
6. Fix the OTO



On flush box:

1. Manage the cable (§ 4.1).
2. Open the OTO (§ 7.3).
3. Open the tray (§ 7.4).
4. Fix the OTO with the screws of the flush mounted box.



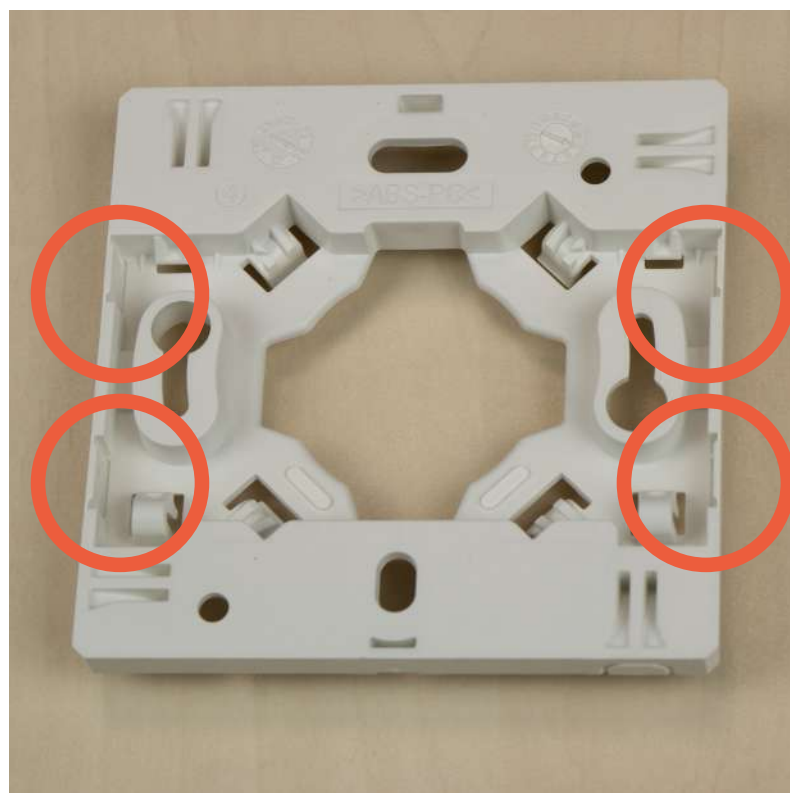
3 - IMPLEMENTATION - FIXING

FIXING THE PLATE (ACCORDING THE INSTALLATION CONFIGURATION)

3

On DIN rail (communication box)

1. Break the 4 breakable parts with a flat nose pliers.



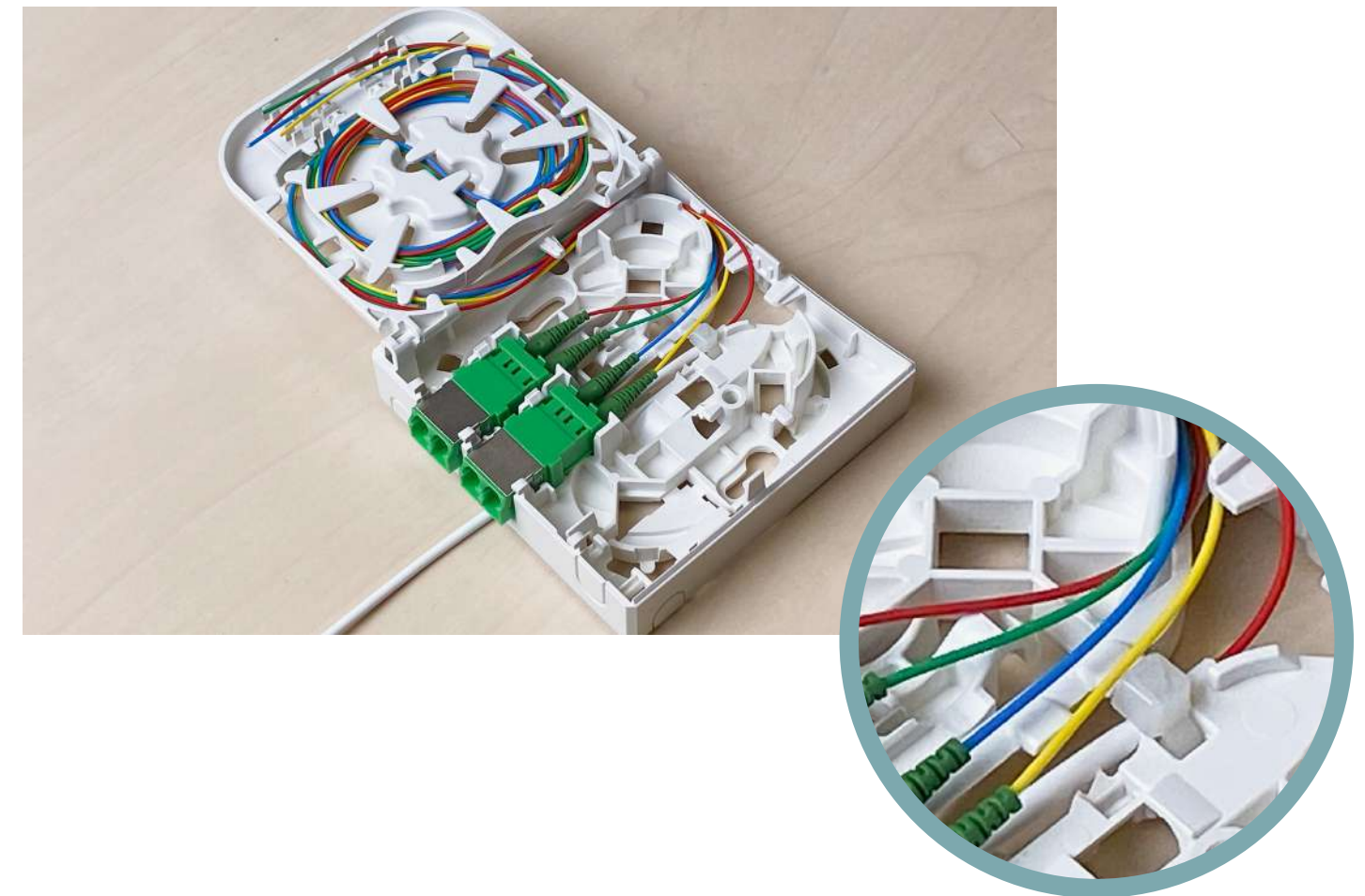
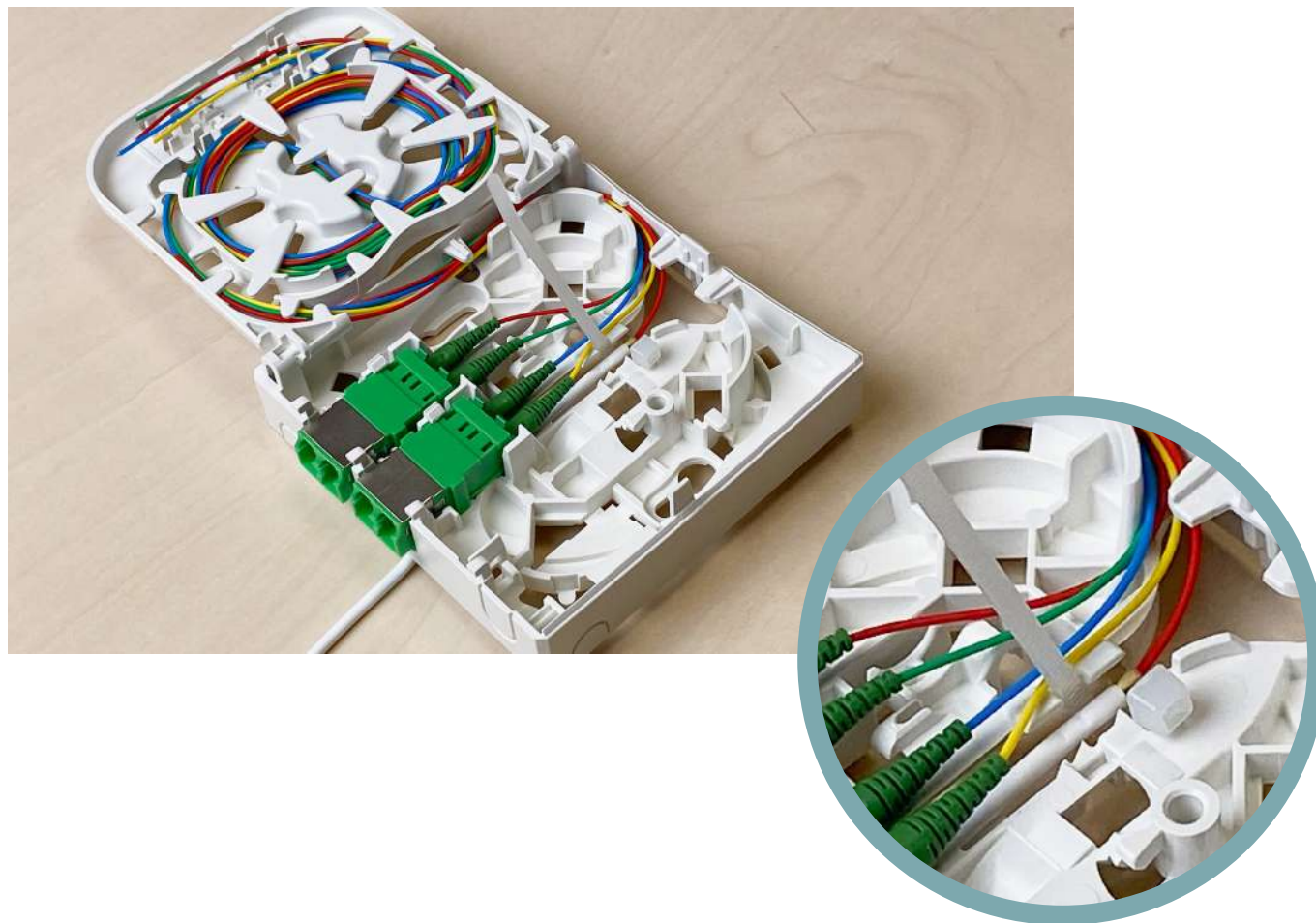
2. Crochet the plate on the top of the rail.
3. Clip the bottom of the plate.



4 - CABLE INSTALLATION

4.1 CONNECTION CABLE FIXING ON THE OTO

1. Position plastic hose clamp
2. Position the cable by the Passage through the back of the OTO.
3. Tight the plastic hose clamp.

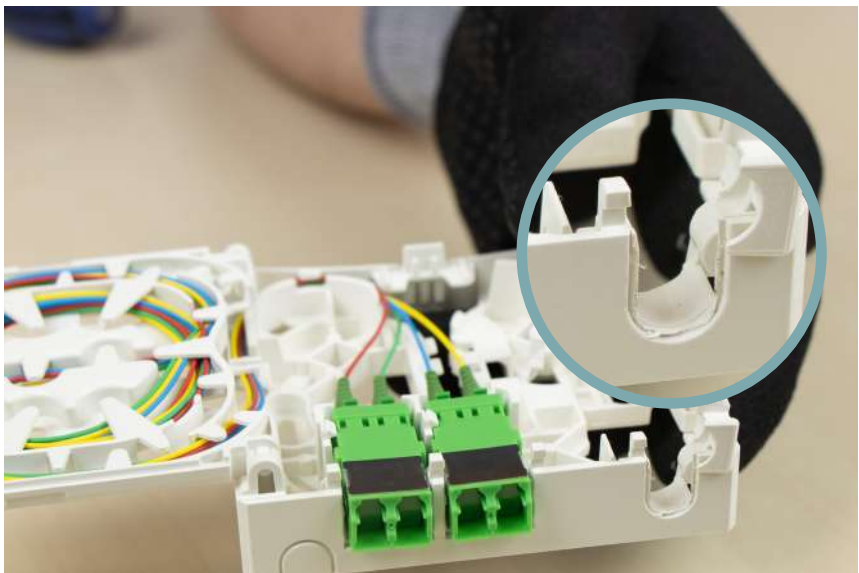
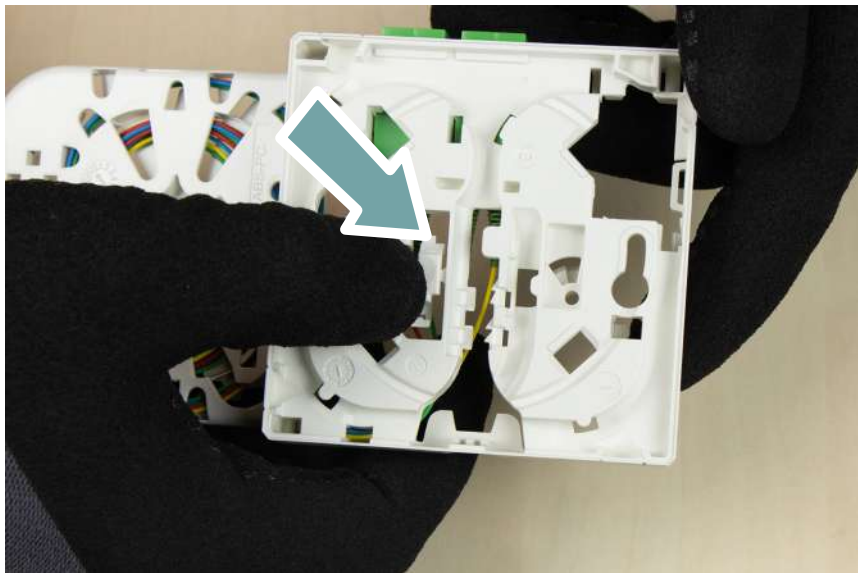


4 - CABLE INSTALLATION

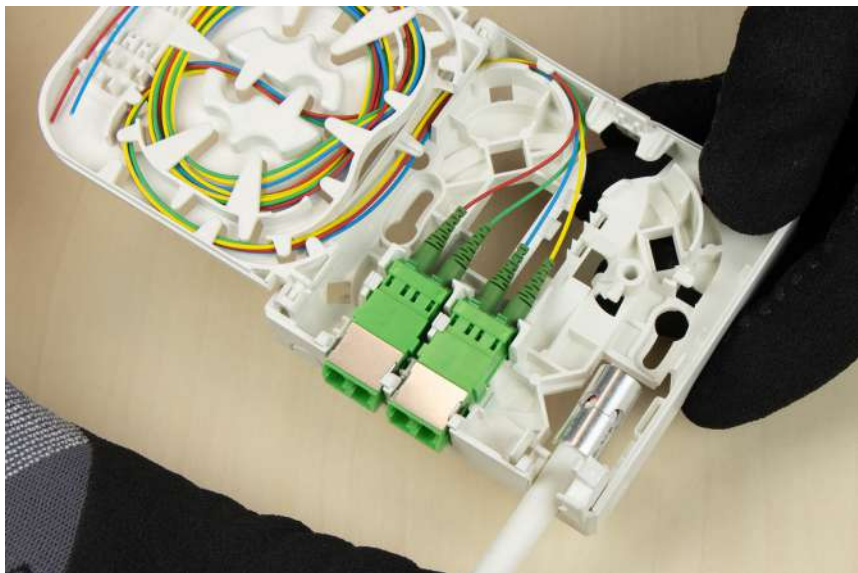
4.2 BLOWN CABLE INSTALLATION WITH MICROTUBE DIAMETER 7mm



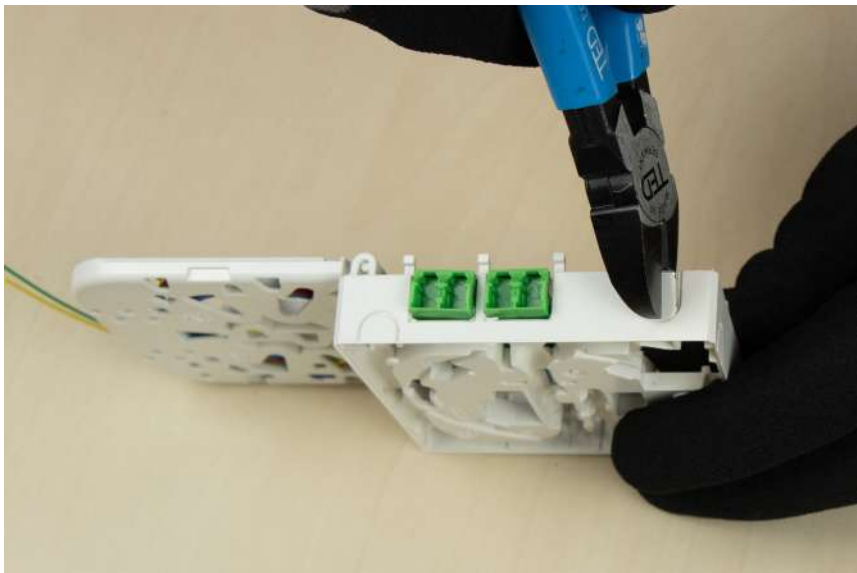
Remove the two breakable plastic parts.



Insert small part in place.



Insert the tube with the gasblocker into position.



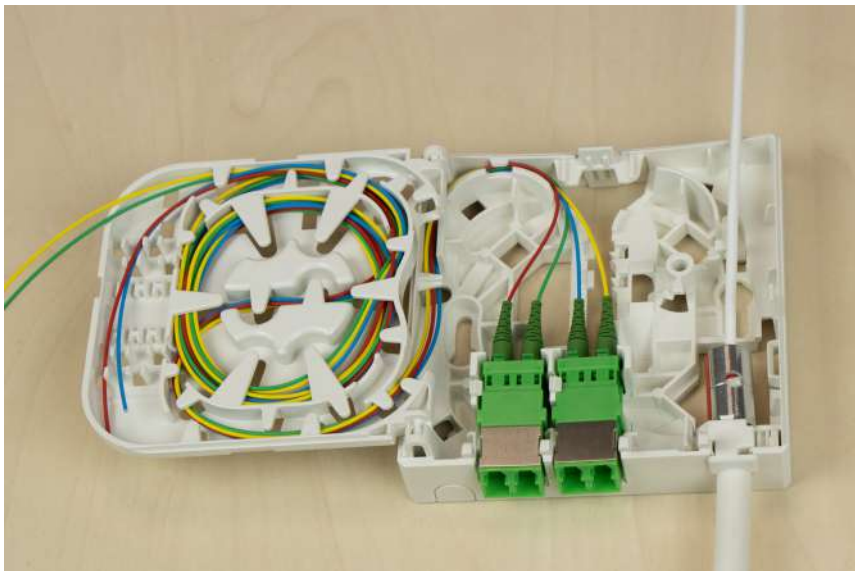
Cut the tube output.



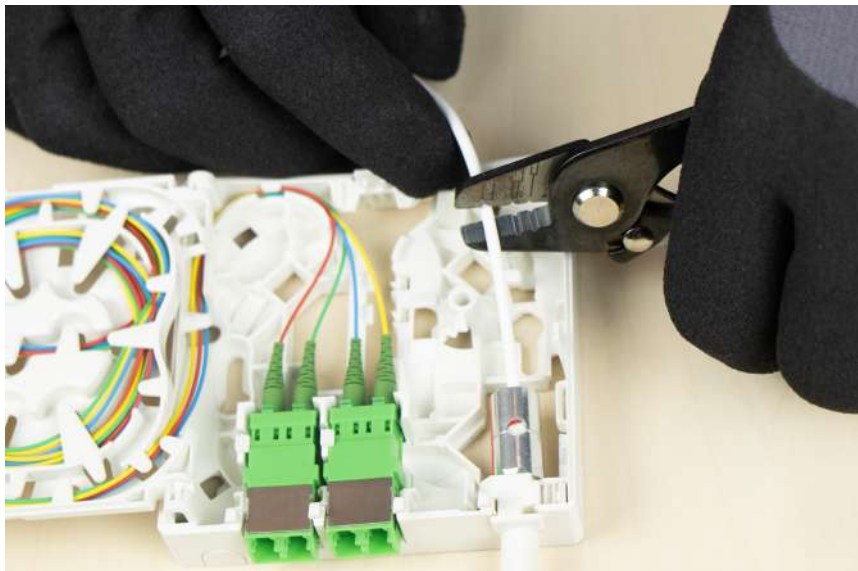
The OTO is ready for installation.

4 - CABLE INSTALLATION

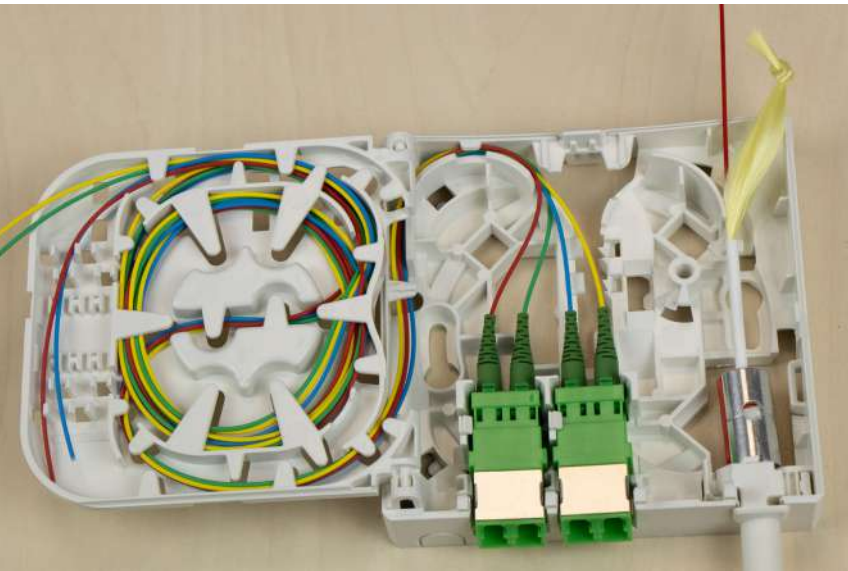
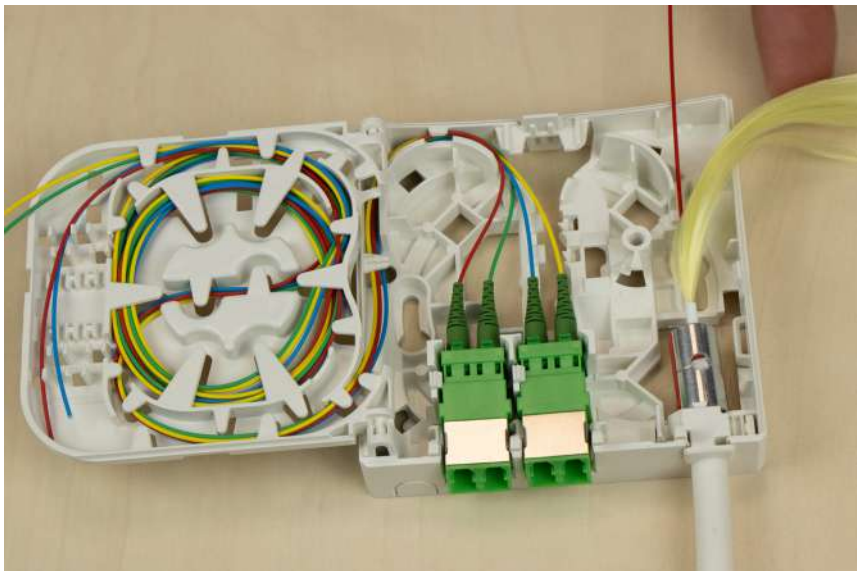
4.1 BLOWN CABLE INSTALLATION WITH MICROTUBE DIAMETER 7mm



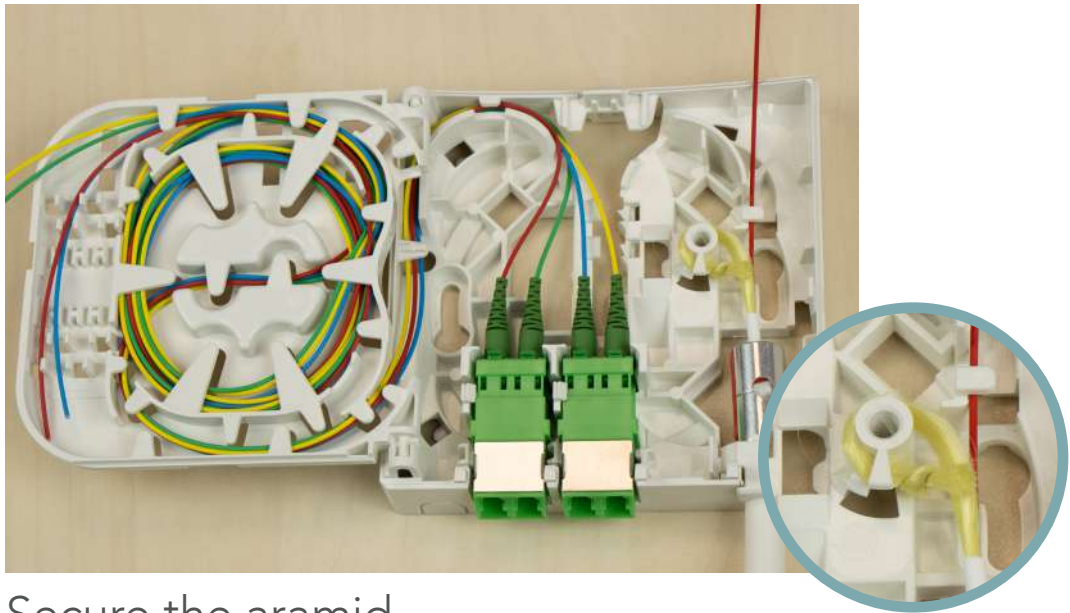
Blow your cable into the OTO.



Remove the cable sheath.



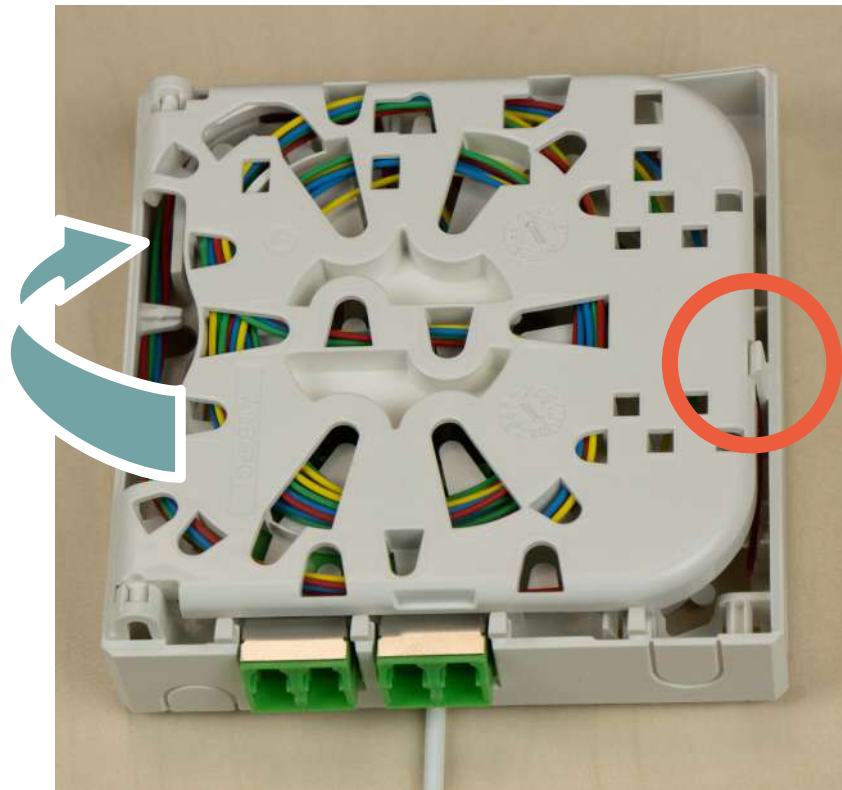
Tie the aramid fibers and cut the excess.



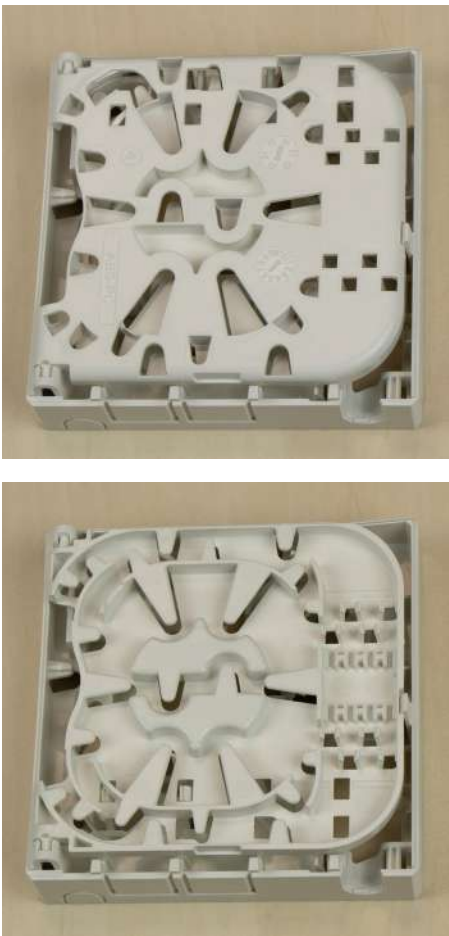
Secure the aramid.

5 – OTO CONNECTION

Release the splicing and coiling cassette by unlocking the retaining clip.



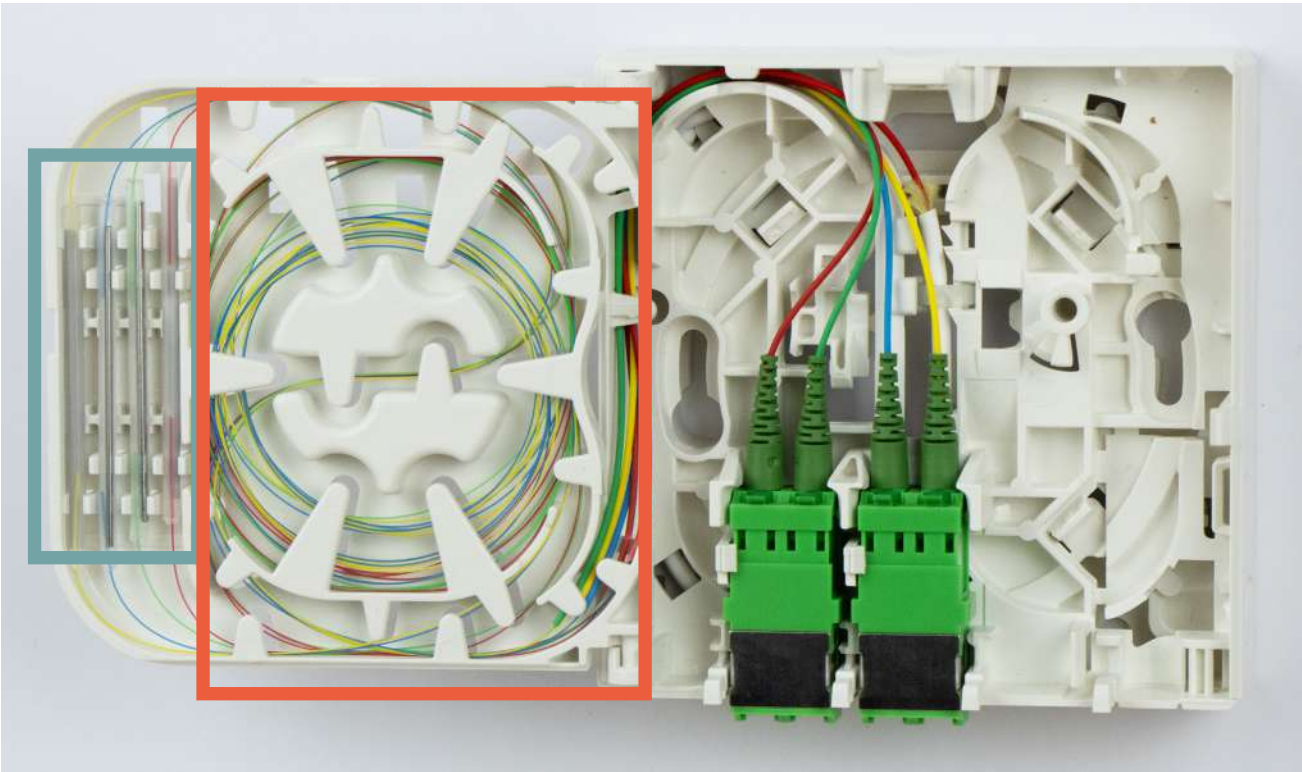
Reversible cassette for field constraints (corner installation).



Reversible cassette

■ Splicing area
4 heat-shrink protections: Ø 2.4mm x L 40mm or
4 crimp metal protections (ANT crimp type)

■ Fiber coiling area

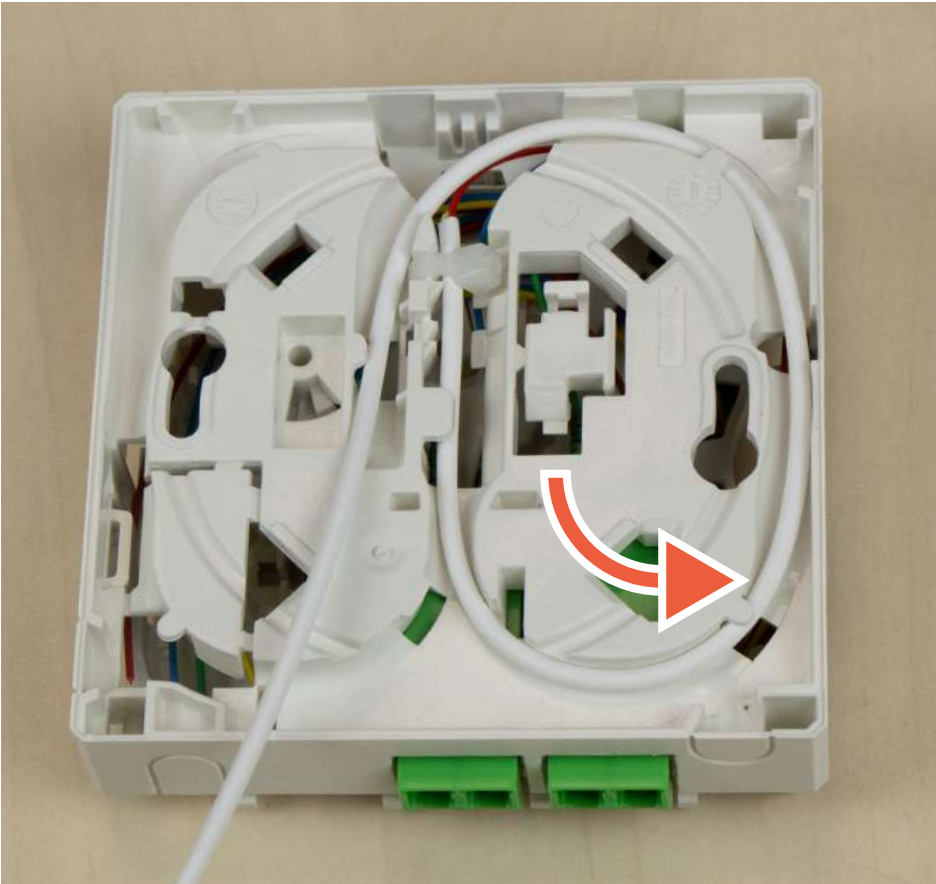


6 – CABLE MANAGEMENT

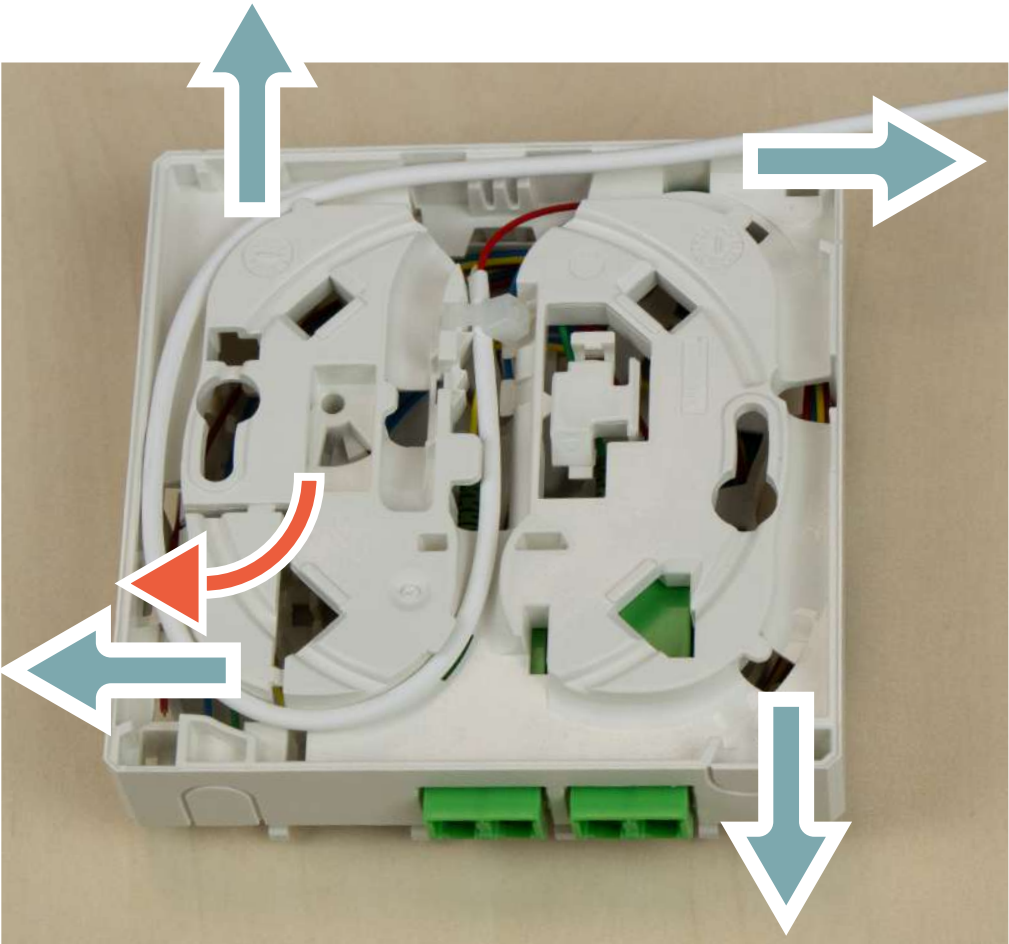
1

Output cable guidance

Flush box mounting
Central outlet.



Wall / DIN rail mounting
Lateral outlet.



1. Break the chosen breakable part with a flat nose pliers.

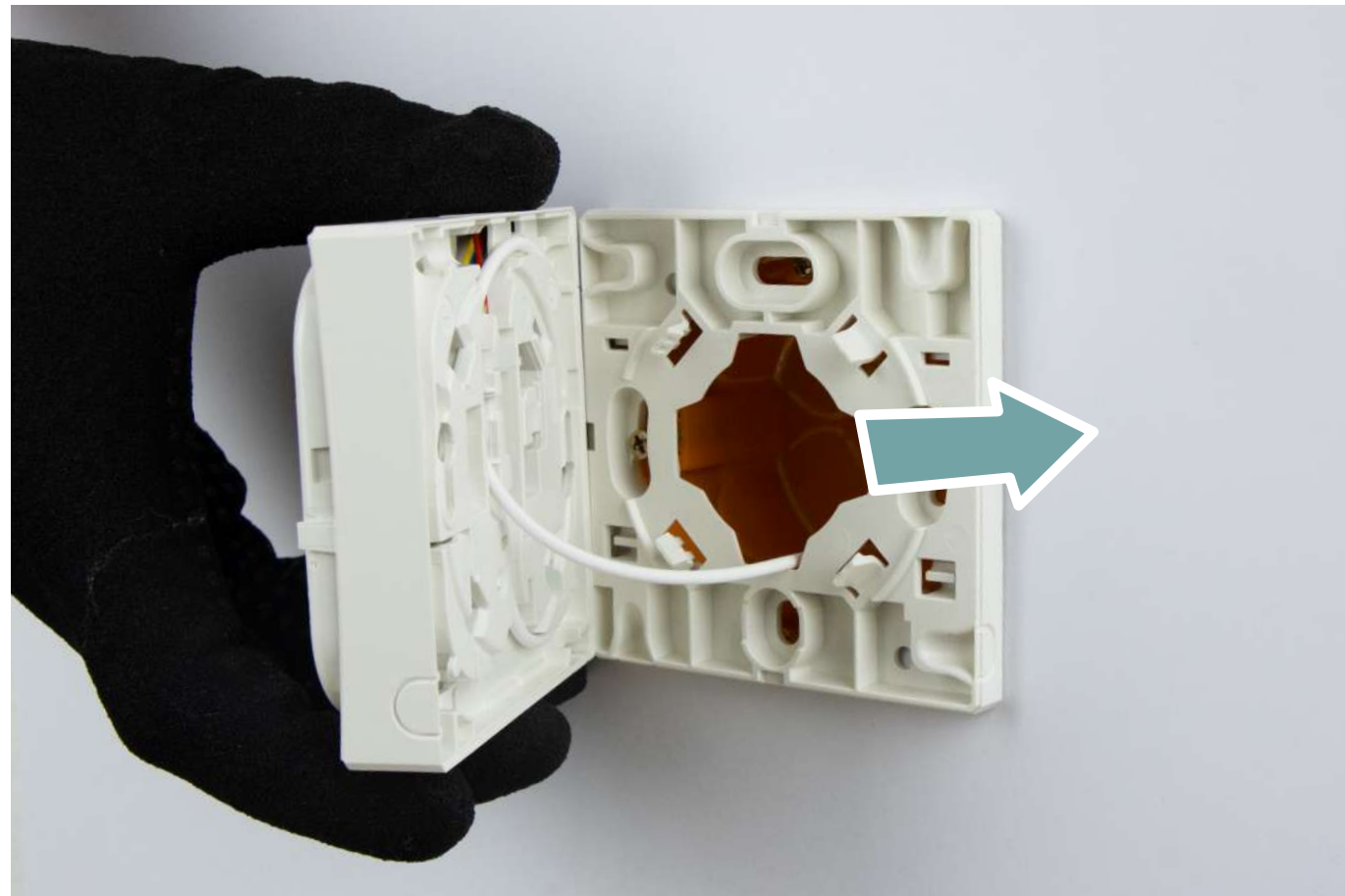


6 – CABLE MANAGEMENT

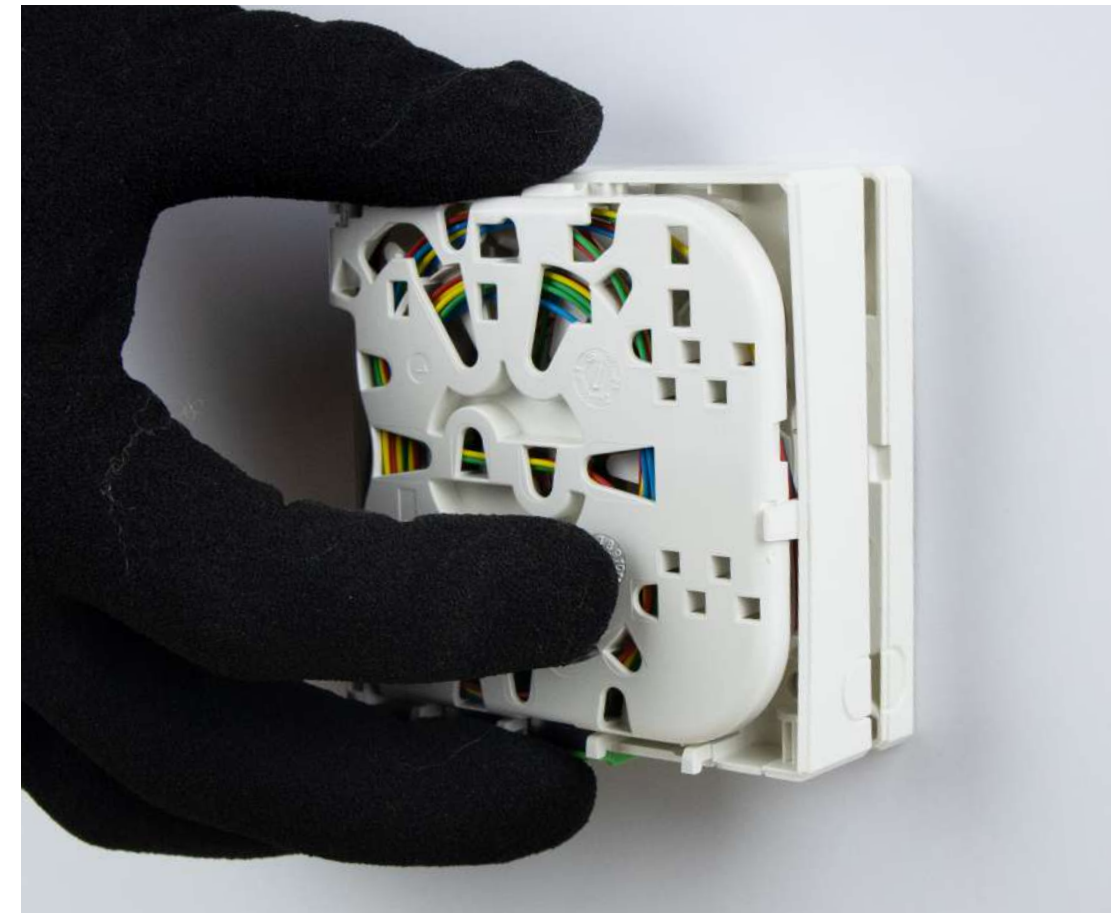
2

Flush box mounting: central outlet

1. Push the cable into the flush box.



2. Clip the OTO on the plate.



6 – CABLE MANAGEMENT

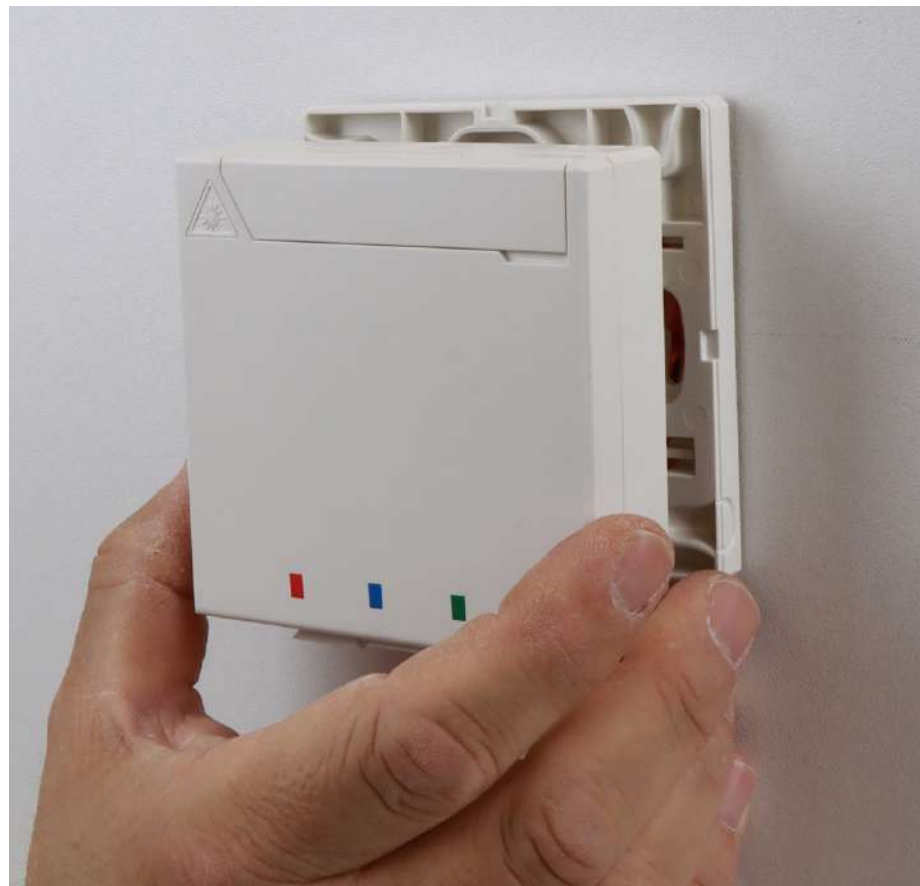
3

Wall / DIN rail mounting

1. Break the chosen breakable with a flat nose pliers.



2. Clip the OTO on the plate.



Horizontal mounting



Vertical mounting



7 – OTO IDENTIFICATION

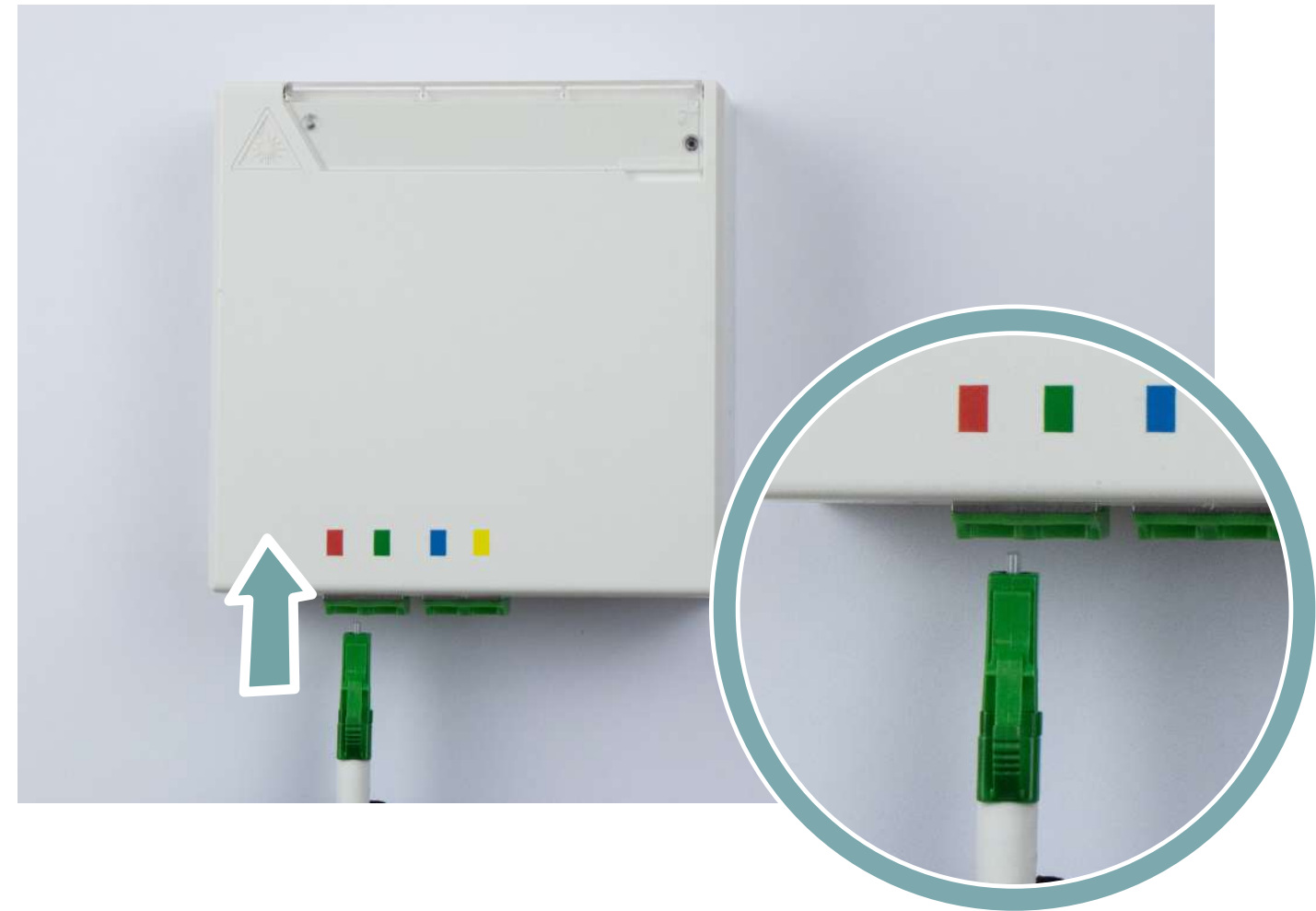
Labeling

1. Lift the flap (opaque or transparent).
2. Stick the label.
3. Close the flap.



8 – SUBSCRIBER CONNECTION

1. Identify the position of the connection according to the protective flap color.
2. Open the protective flap to its holding point.
3. Insert the plug using the poka yoke.



9 – OTO INTERVENTION

1

Unclipping the plate

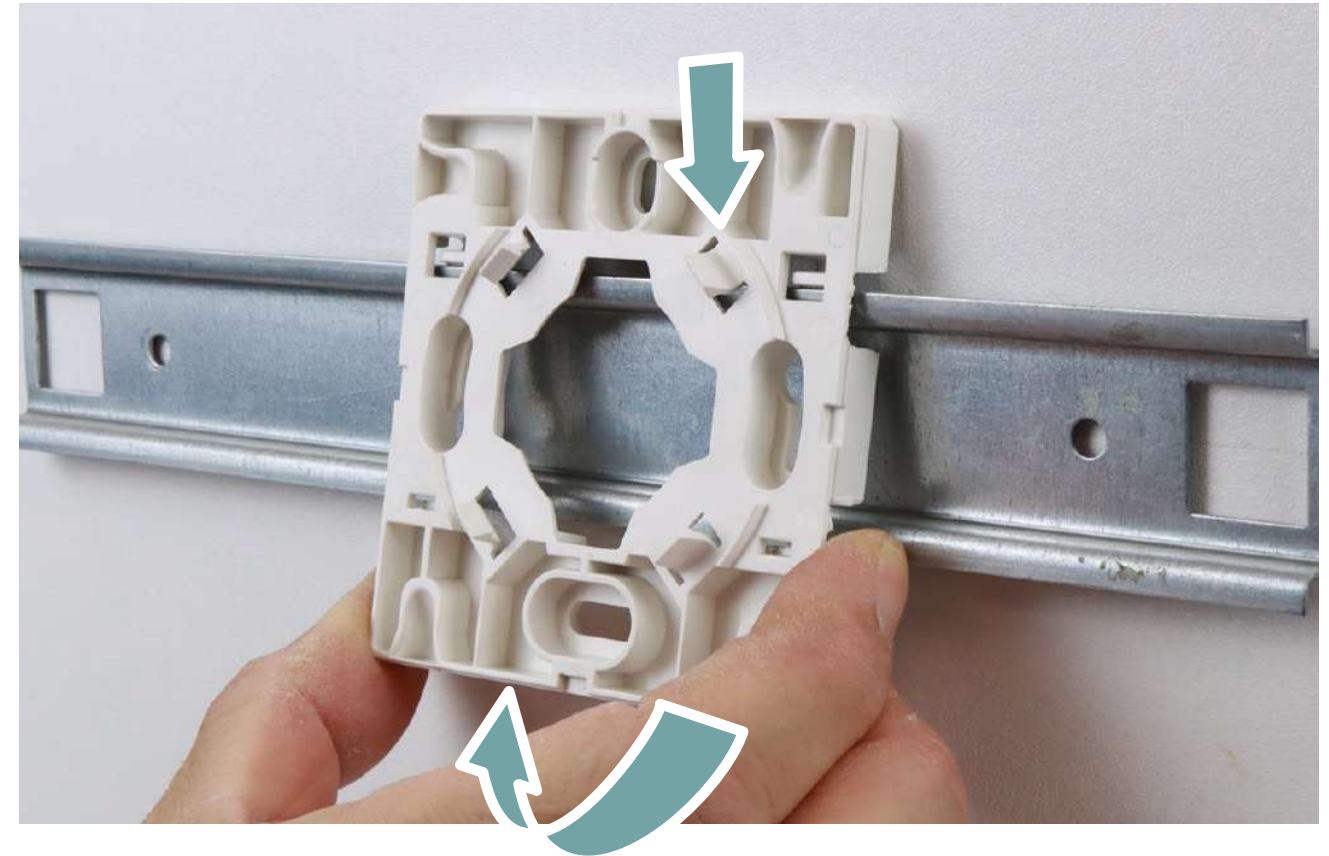
1. Use a flat screwdriver to unclip the OTO from the plate.



2

Unclipping from the DIN rail

1. Press the top of the plate.
2. Tilt the plate upwards.



9 – OTO INTERVENTION

3

OTO opening

1. Press the top of the OTO.
2. Flip the OTO down.



OTO closing

1. Put the OTO bottom on the base.
2. Flip the OTO and clip it at the top.



10 – MAINTENANCE AND OPERATION

1 Cleaning up a connection

1. Remove the plug.



2. Clean the plug.



3. Clean the adapter.
4. Put back the plug to the adapter.

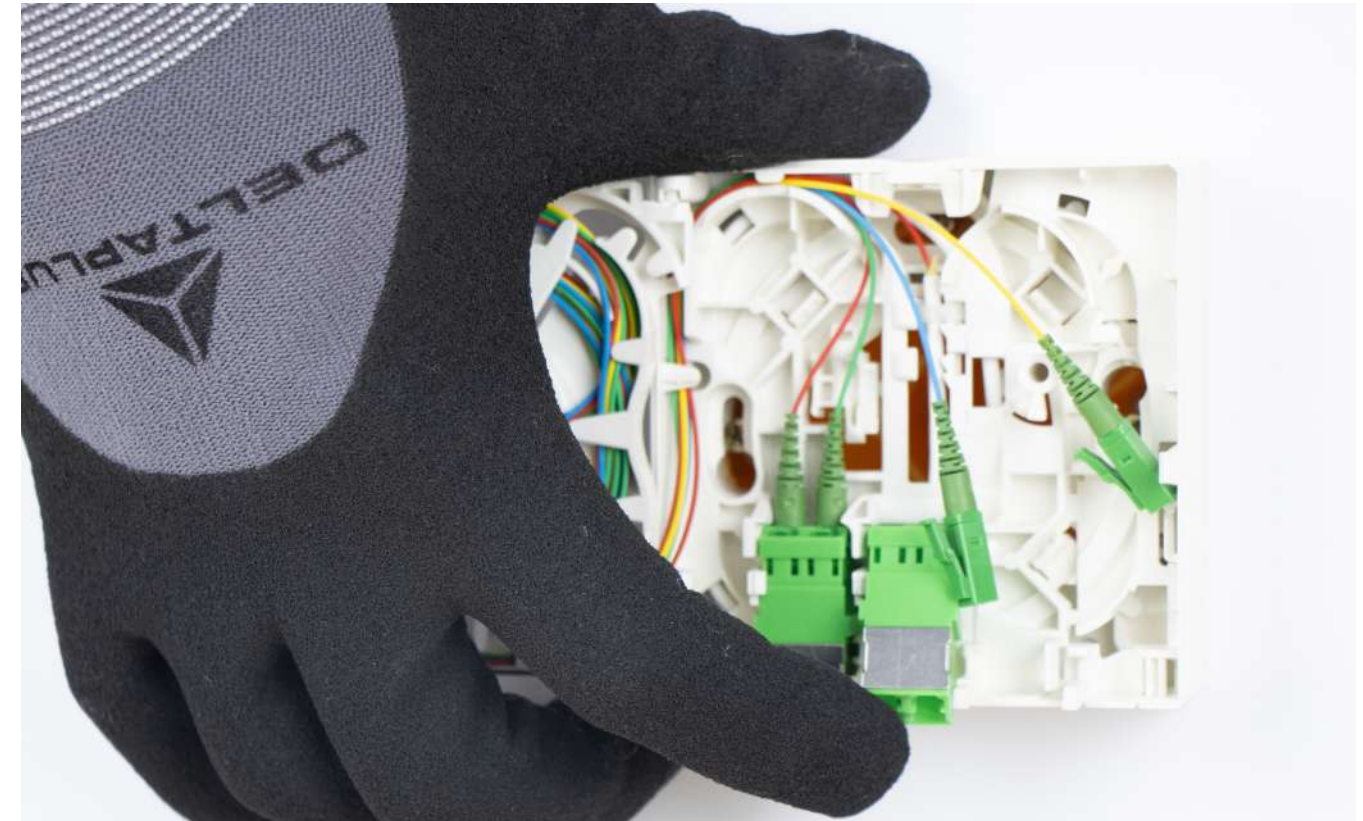
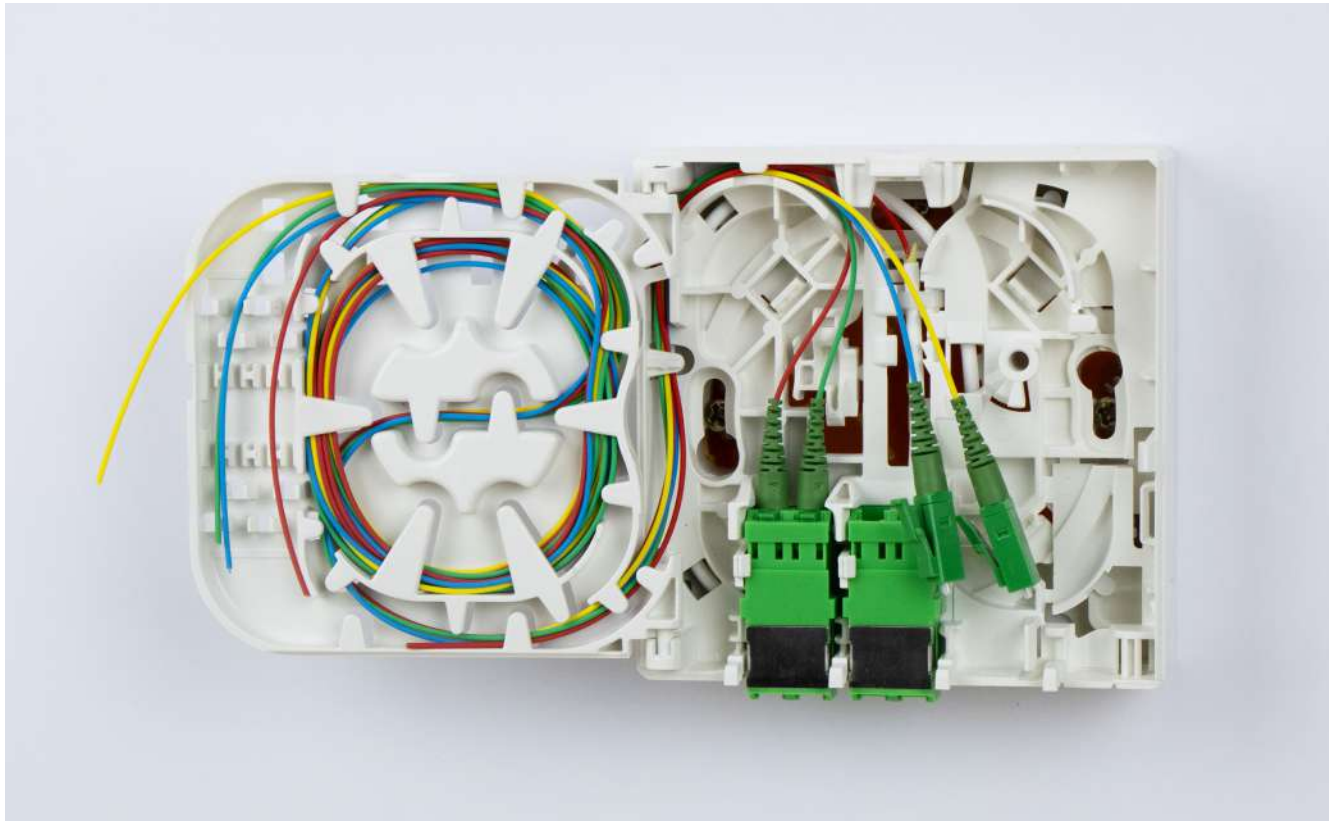


10 – MAINTENANCE AND OPERATION

2 Changing an adapter

1. Remove the adapter/plug assembly
2. Disconnect the adapter to be changed.

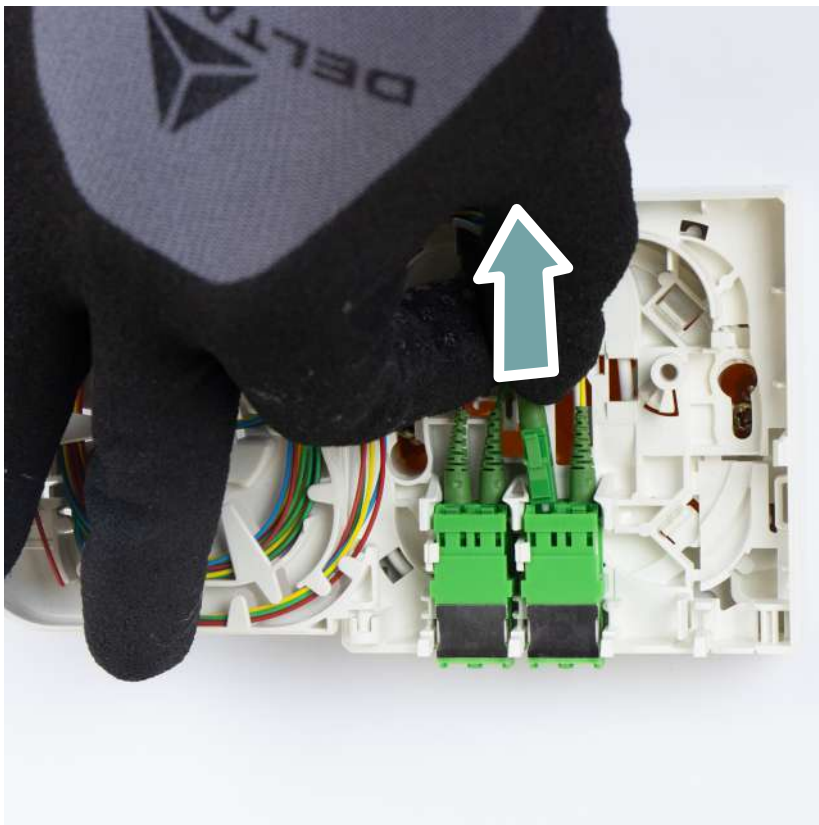
1. Clean the plug and connect the new adapter.
Warning: Respect the poka-yoke
2. Install the adapter/plug assembly.



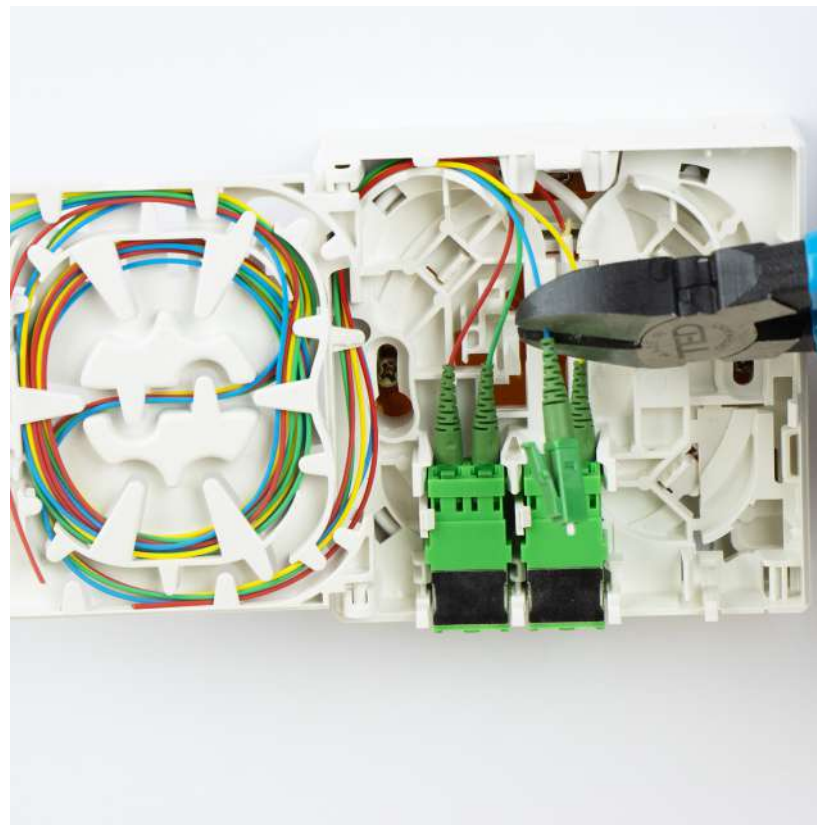
10 – MAINTENANCE AND OPERATION

3 Changing a pigtail

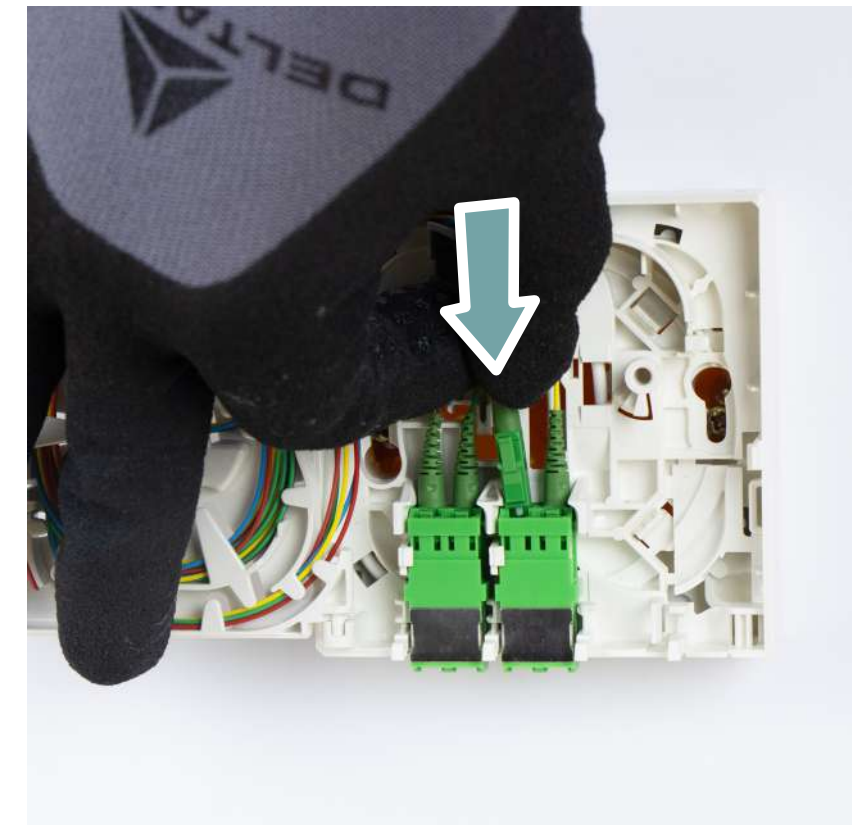
1. Remove the plug from the adapter.



2. Cut the fiber next to the plug.
3. Uncoil the fiber.



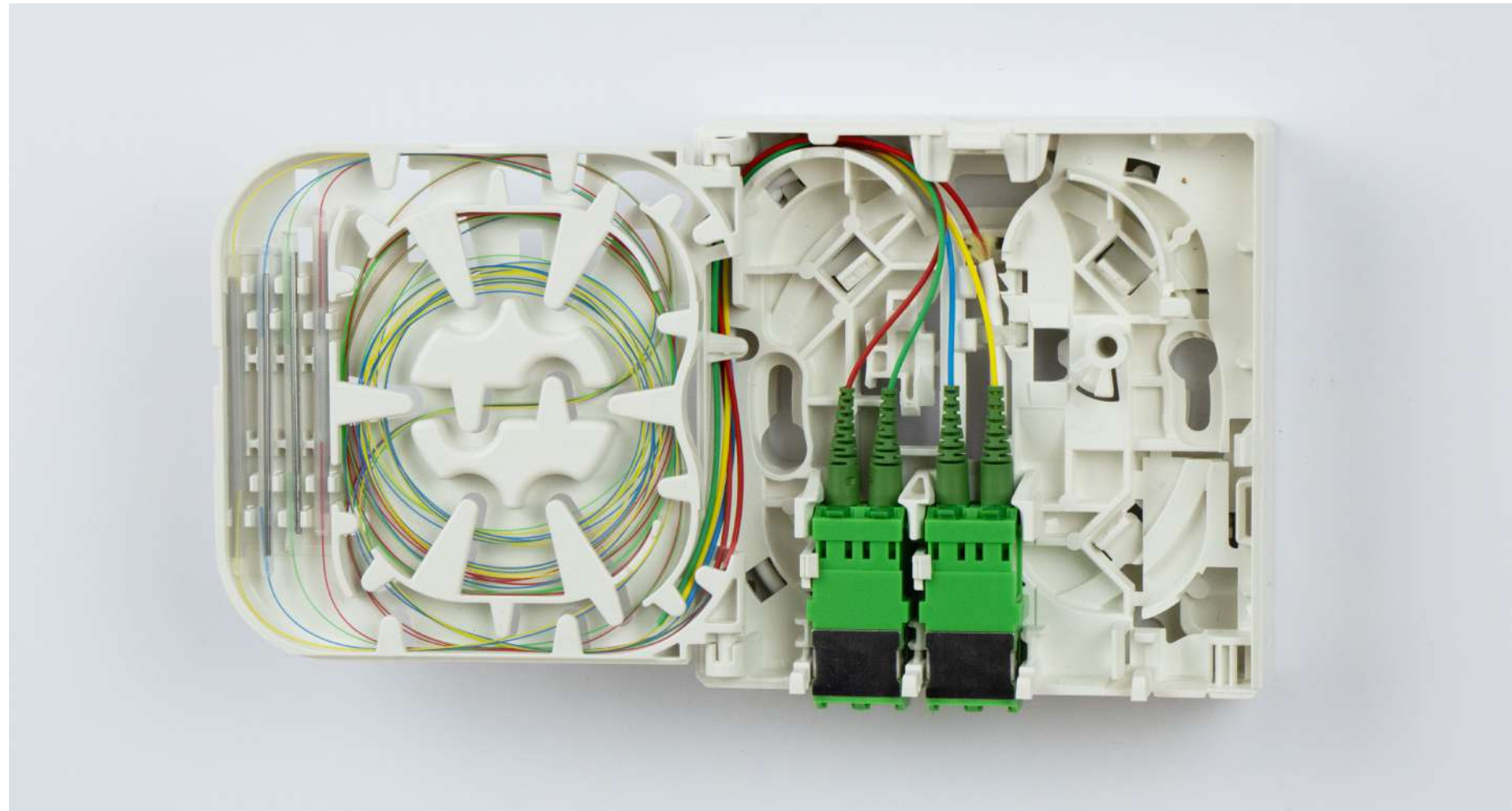
4. Put in place the adapter/plug assembly.



10 – MAINTENANCE AND OPERATION

Changing a pigtail

5. Splice the fiber to the new pigtail.
6. Coil the fiber.



11 – USING THE PROTECTION FOR TERMINATION MICRODUCT 7/4mm & 10/6mm ACCESSORIES (TO BUY SEPARATELY)



Drill a hole (Ø 6mm) and insert the wall plug.



Screw the fixing plate.



Then place the tube and insert a zip tie.



Zip the cable tie.



Place the termination cover.

11 – USING THE PROTECTION FOR TERMINATION MICRODUCT 7/4mm & 10/6mm ACCESSORIES (TO BUY SEPARATELY)

Here is an example of using the tube termination with the Gf-TA:

