Splice/Splice Panel 3U

with Cornerstone™ Splice Cassettes Installations



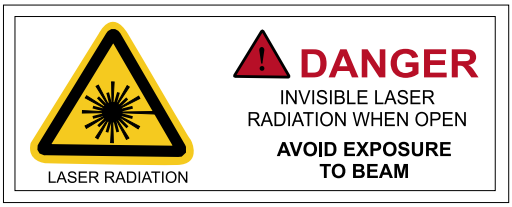
Region
Europe

IMPORTANT INSTRUCTIONS

When using fiber optic equipment, basic precautions should always be followed to reduce the risk of injury to persons, including the following:

- Read and understand all instructions.
- Follow all warnings and instructions marked on the product.
- Laser light can be visible or invisible and can cause serious eye injury.
  Do not look directly into the end of a fiber optic connector.
  Do not look directly into the end of a fiber optic adapter having a fiber optic connector.
- Install dust caps or plugs onto unused fiber optic connectors or non-shuttered fiber optic adapters.
- Use an optical power meter to verify active fibers as necessary.

SAVE THESE INSTRUCTIONS



SAFETY STANDARDS (Germany)

The personnel for installation, assembly, operation and maintenance must possess the appropriate qualification for this type of work. The operational security of product supplied is only guaranteed when it is used in accordance with the regulations. Relevant standards and guidelines must be observed.

Accident prevention regulations (are among others):

Safety regulations and safety measure

- Accident prevention regulation „Principles of Prevention“ (DGUV V1) and „Safety Regulations on Artificial Optical Radiation“ (OStrV).
- The inspection of safety devices must be undertaken after completion of the assembly work.



This instruction manual contains informations to enable the user to work safely and correctly. Only when the manual is understood and adhered to can danger be avoided.



Attention
Failure to comply may result in damage to property.



Warning
Failure to comply may result in injury.



Danger
Failure to comply will result in death or serious injury.



Note
Additional information.



Instruction
Refer to instruction.

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Contents of the Box

(Kit content SSP23F213600A000GY without packaging)



1 1x Panel with Cornerstone™ Fiber Management System:

36x Splice cassettes (SC 5 mm) with 12 ANT crimp splice holder

72x TRANSPARENT TUBE -ID 2.5MM, OD 3.0MM, LENGTH-1 METER

2 1x Accessories Set:

4x RACK MOUNTING SCREW SET (cage nut 9.5 mm)
4x STANDARD CABLE TIE - PA- 2.5 X 100 MM
4x STANDARD CABLE TIE - PA- 2.5 X 150 MM
2x Double-sided Velcro strap 20x150 mm



Tools Required

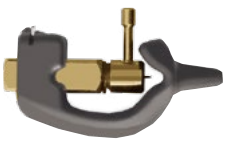
Recommended and reference tools, not included in the delivery.



Screw driver to fasten the panel in the rack and for the mounting brackets



Cage nut tool



Stripping tool (feeder cable)



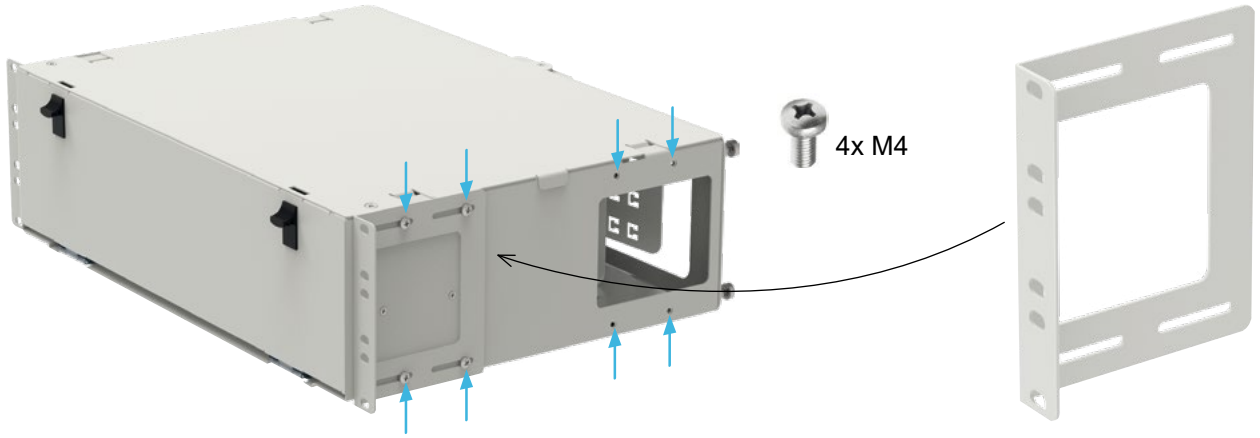
Stripping tool (drop cables and loose tubes)

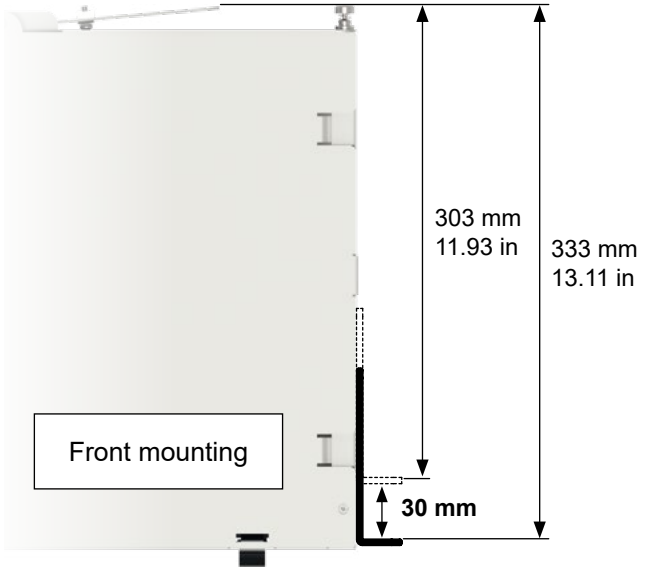
Splice/Splice Panel 3U

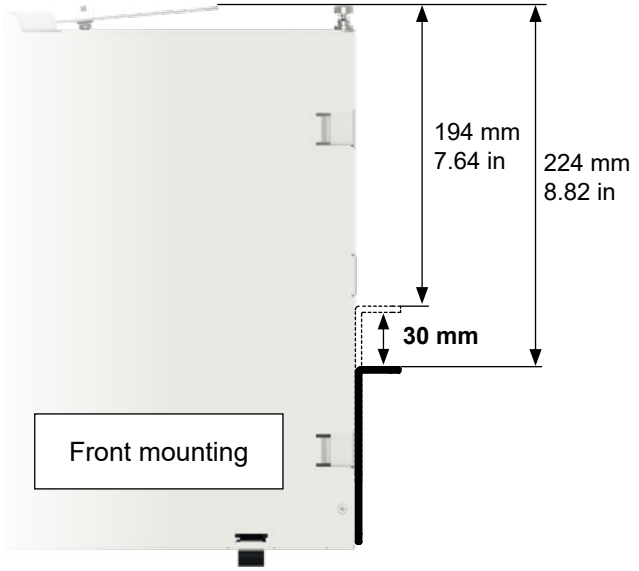
with Cornerstone™ Splice Cassettes Installation Instruction

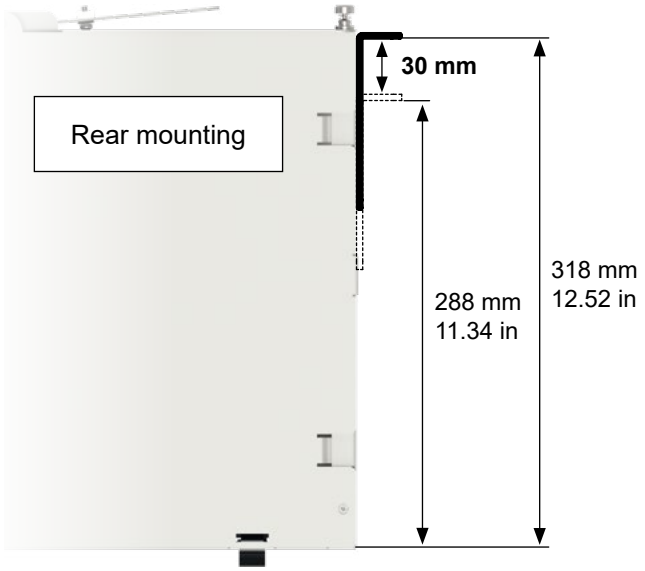
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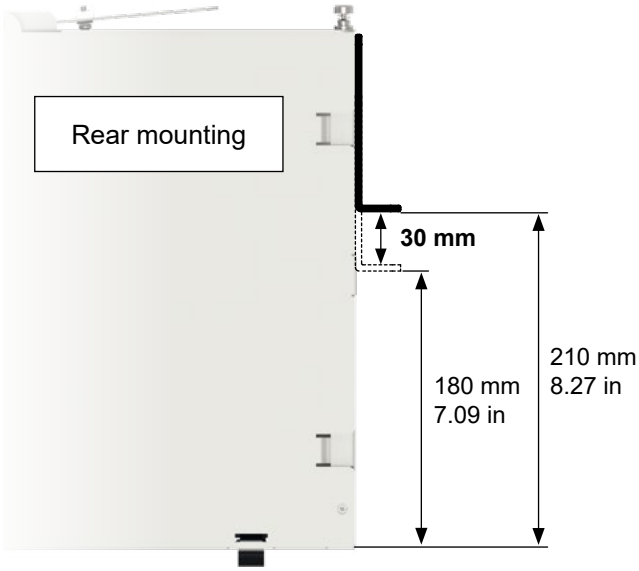
Adjustment of the Mounting Bracket Positions











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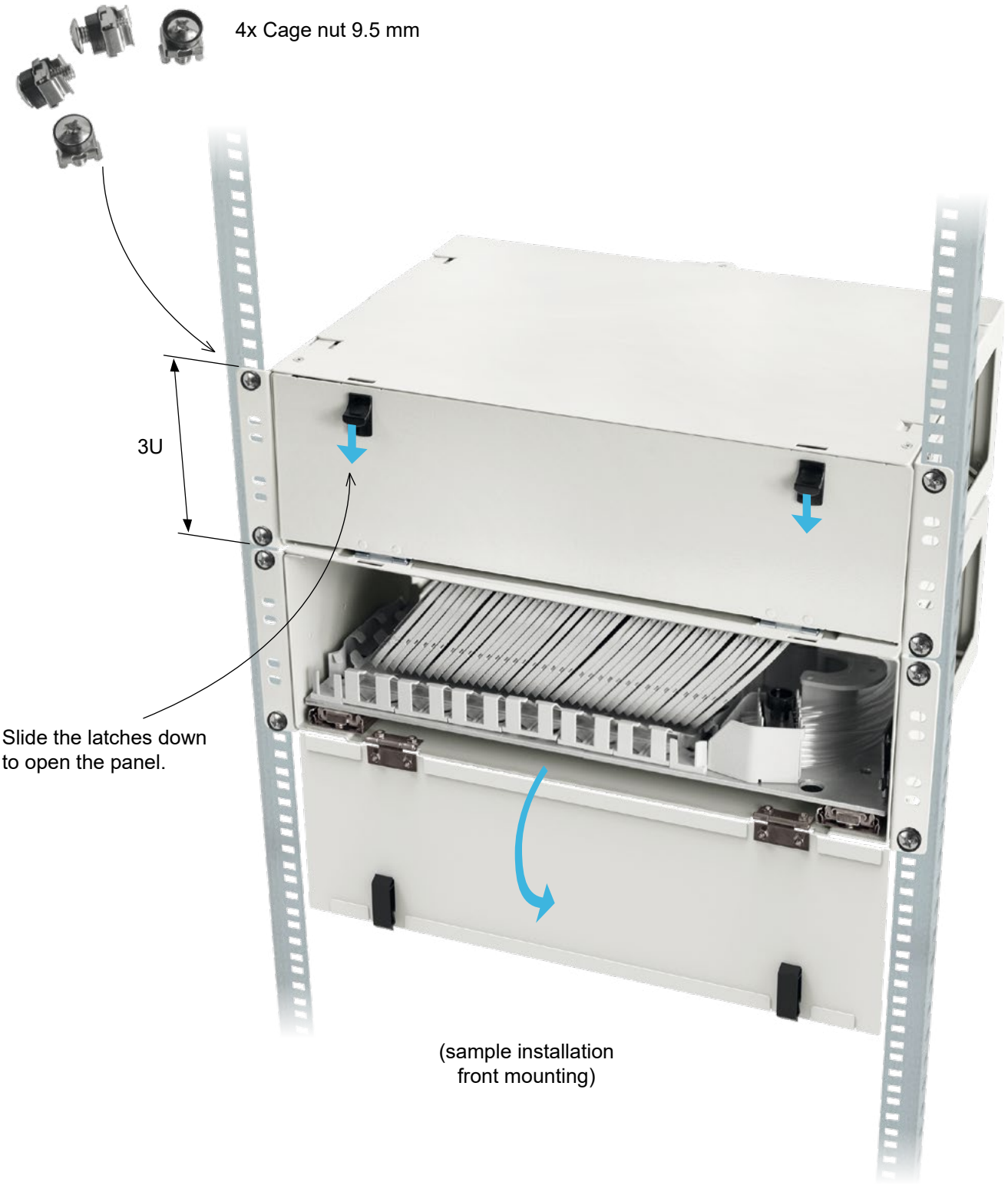
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Installation of the Panel to the Rack



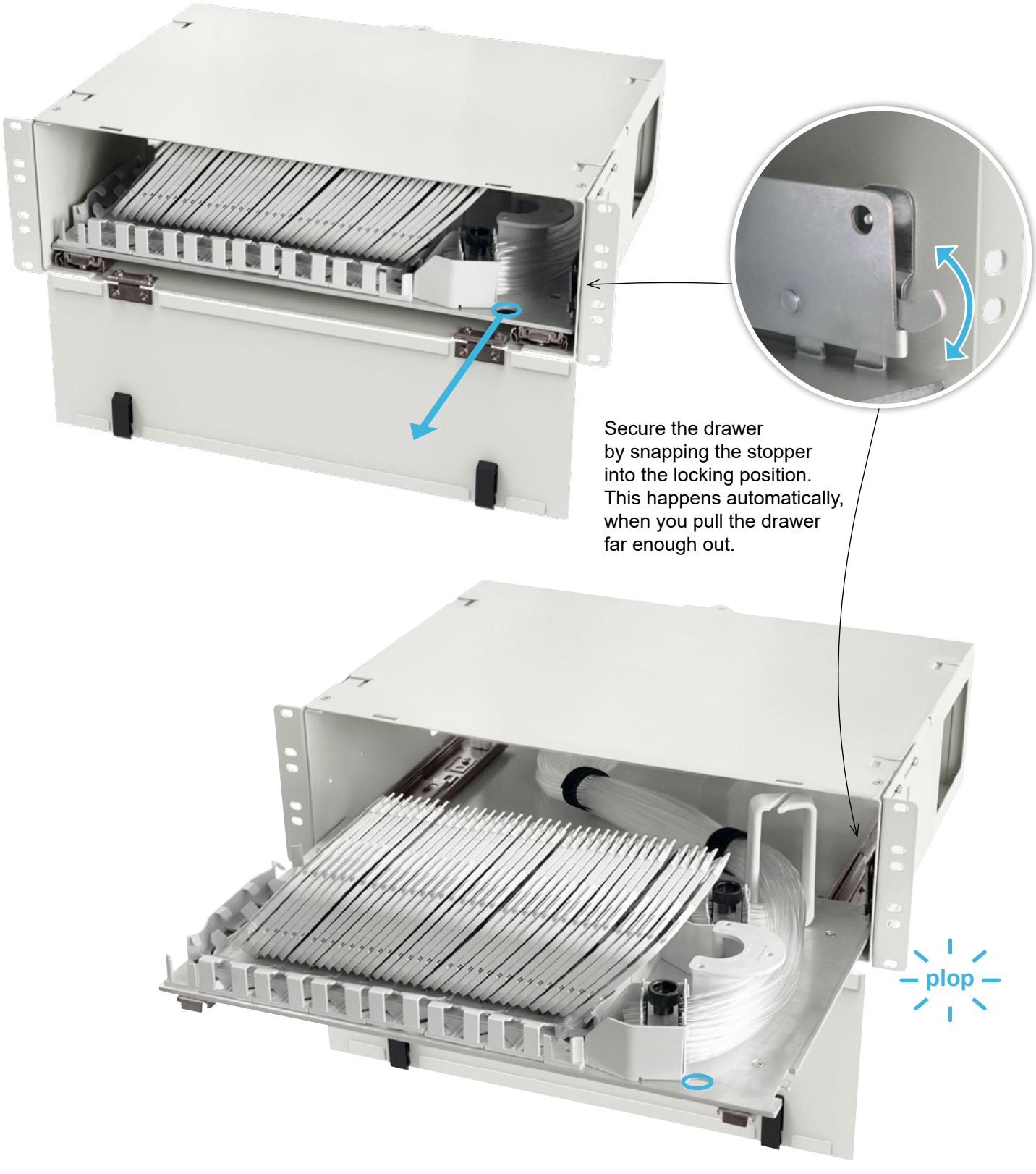
(sample installation
front mounting)

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Opening and Closing of the Drawer



Secure the drawer by snapping the stopper into the locking position. This happens automatically, when you pull the drawer far enough out.

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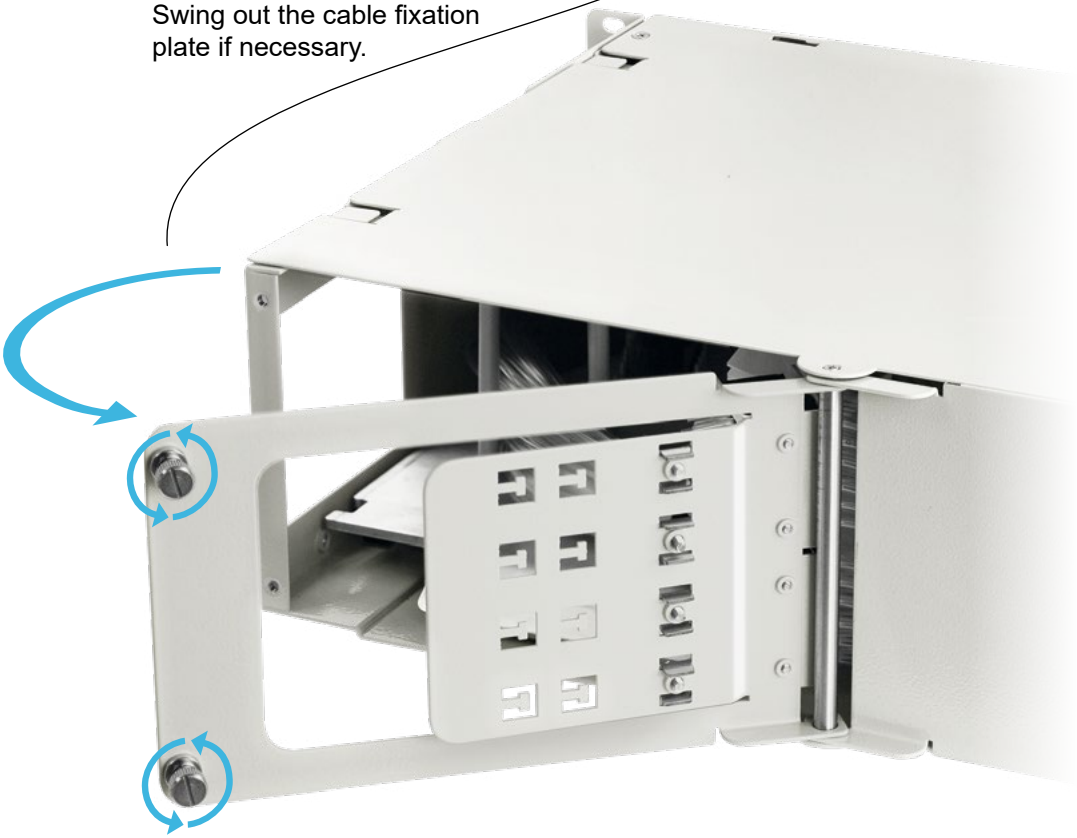
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Cable Routing Options

(sample with right cable entry)



Swing out the cable fixation plate if necessary.



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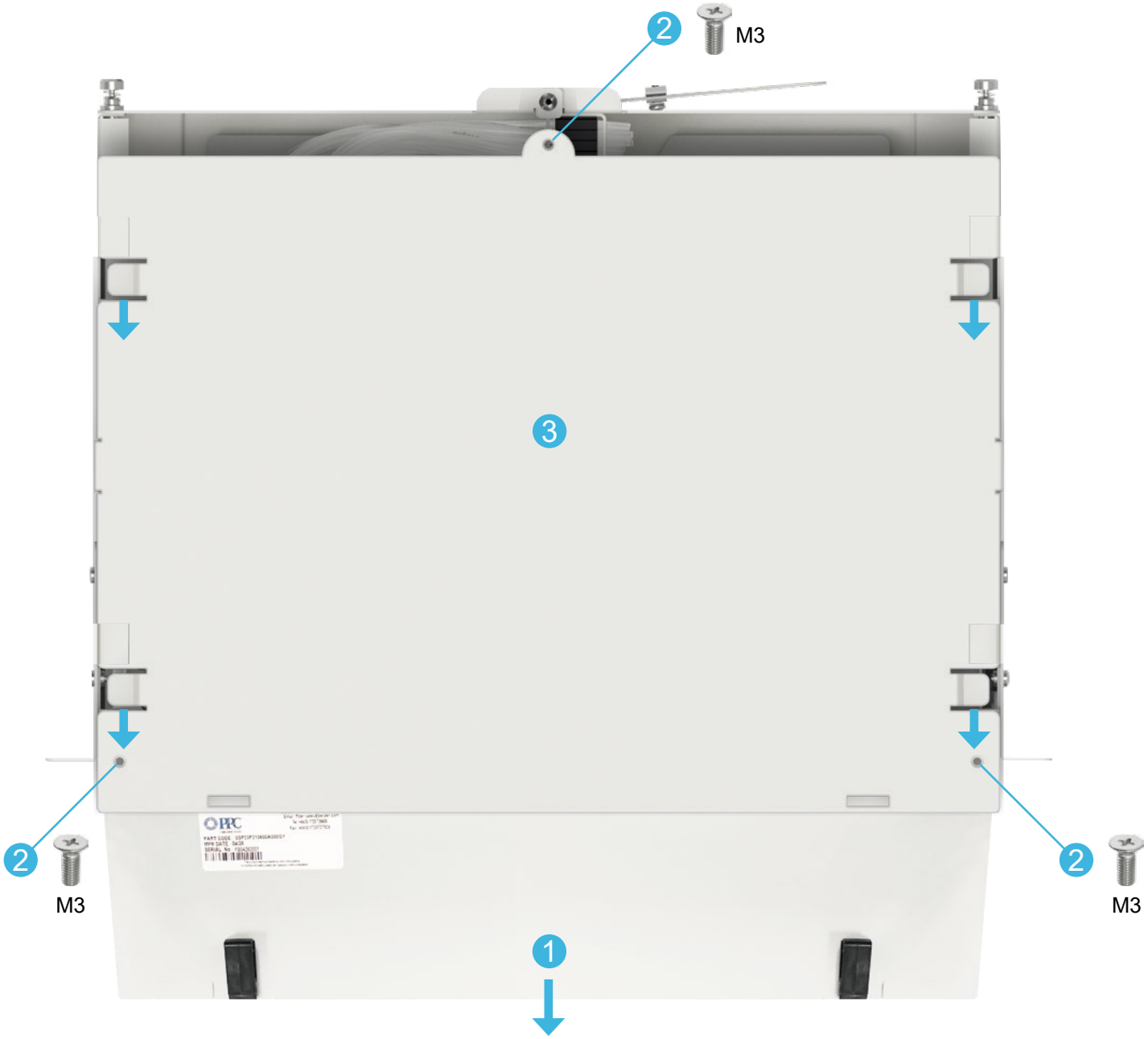
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Removal of the Panel Cover

1 Open the flap 1.

2 Remove the screws 2.

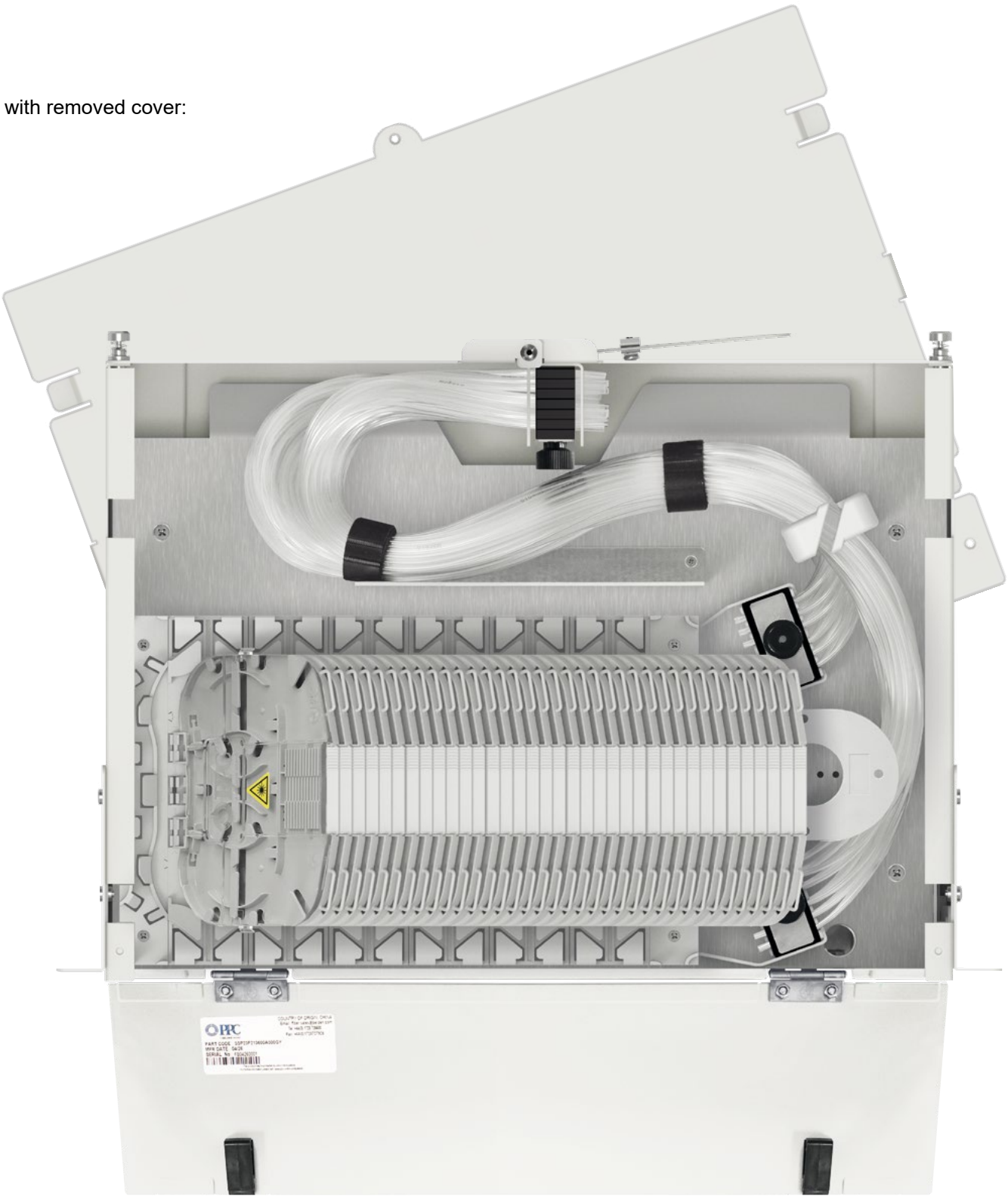
3 Slide the cover 3 and lift up.



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Panel with removed cover:



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Important Notes



- Keep splice cassettes holder clean.
- Clean the fibers very well. Never use solvents to clean cables, fibers or cassette parts.
- Maintain the specified bending radii.
- Prevent kinking when repositioning the tubes.
- Observe the stripping length in the strain relief block.
- Mark the loose tubes and fibers before fitting the fibers.
- Use only the approved tool for cutting open loose tubes.
- Do not cut open micro cables.
- Avoid crossing over loose tubes and fibers in the splice cassettes holders.
- Place the fibers without tension in the splice cassette holder channels, underneath all retention tabs.
- If connected fibers are pulled out of the splice cassette holders, push them back in with extreme care.
- Relevant standards and guidelines must be observed.

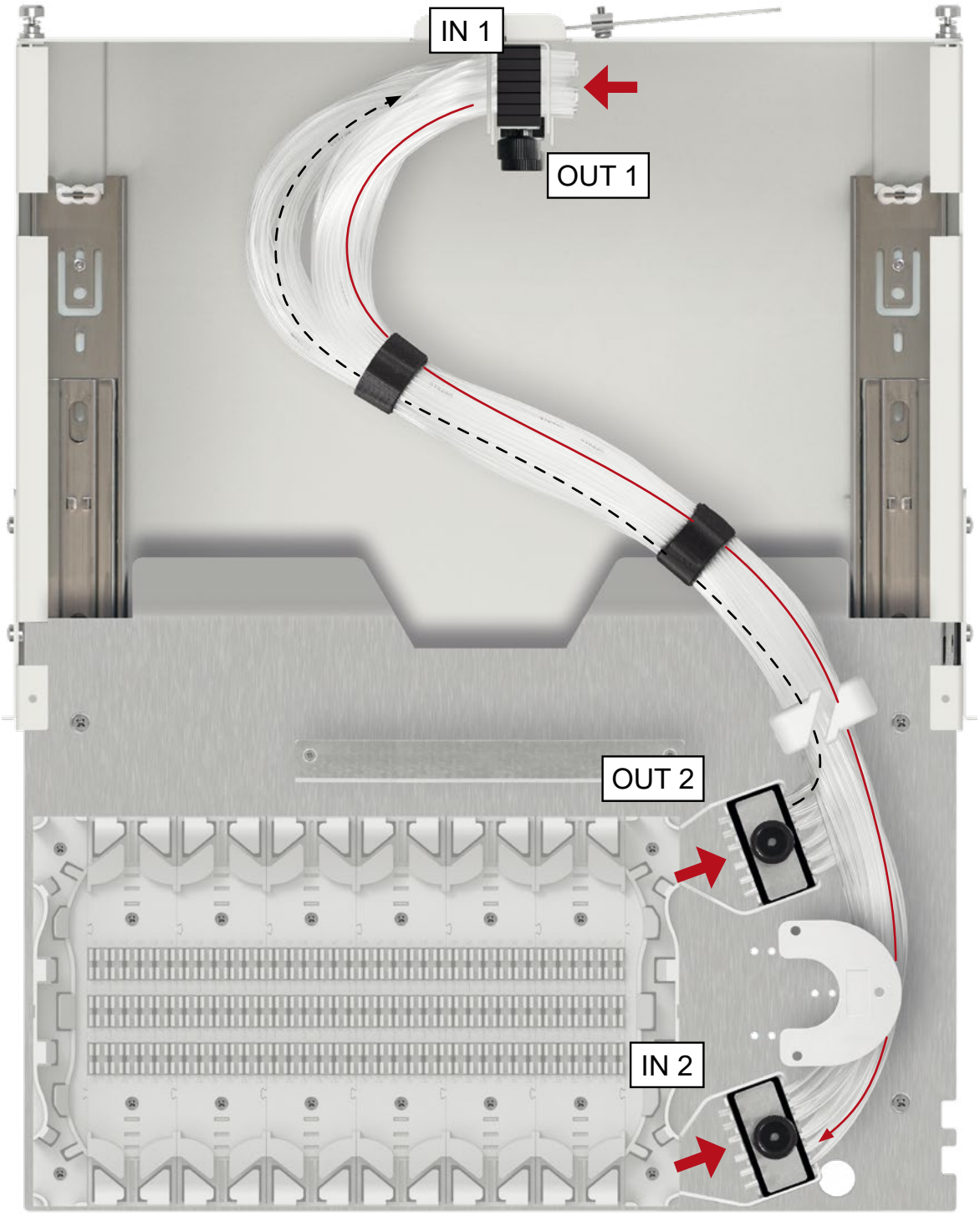
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Routing with pre-installed Transportation Tubes

Pay attention to the visible side and orientation.



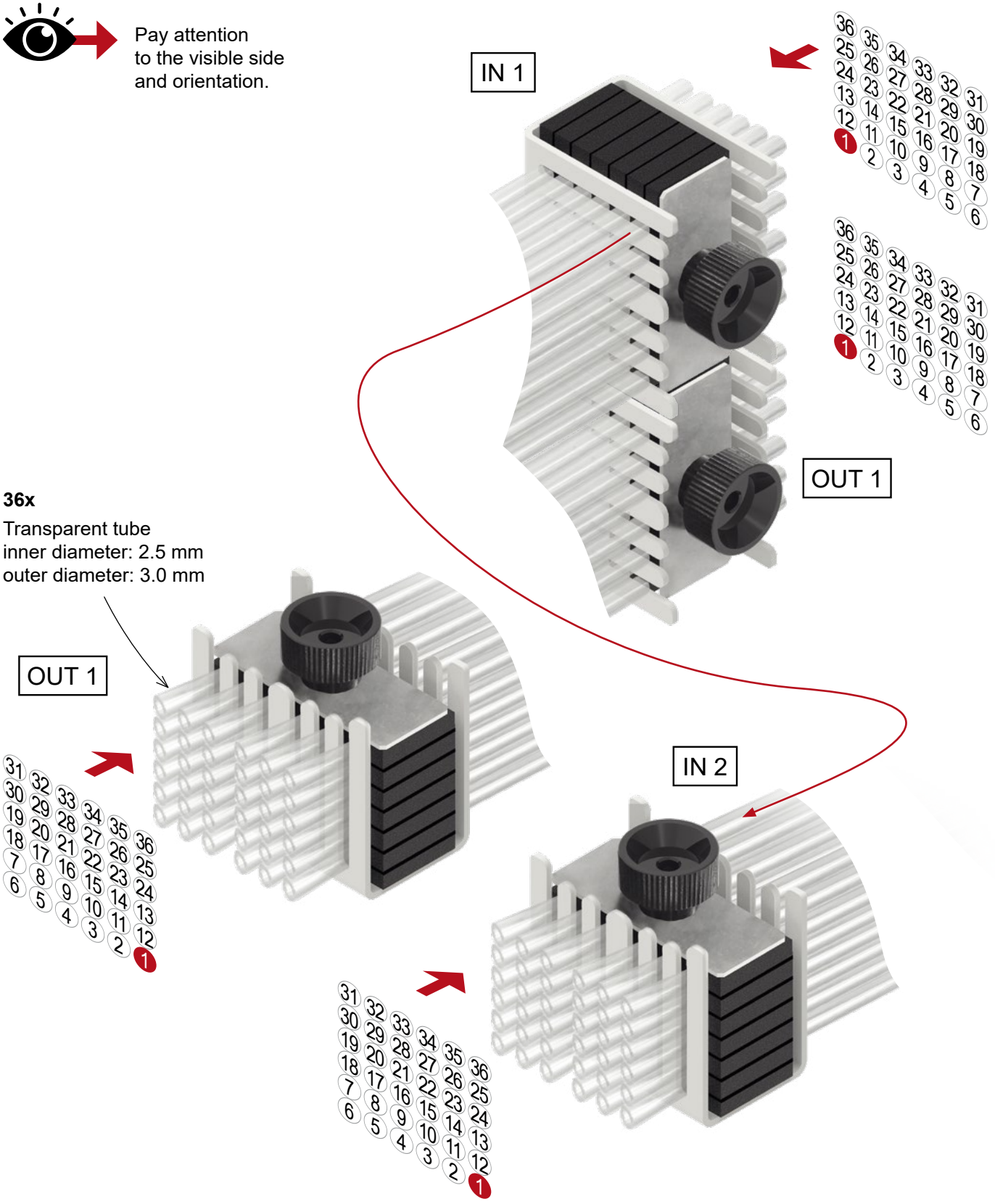
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Counting of pre-installed Tubes

Pay attention
to the visible side
and orientation.



36x
Transparent tube
inner diameter: 2.5 mm
outer diameter: 3.0 mm

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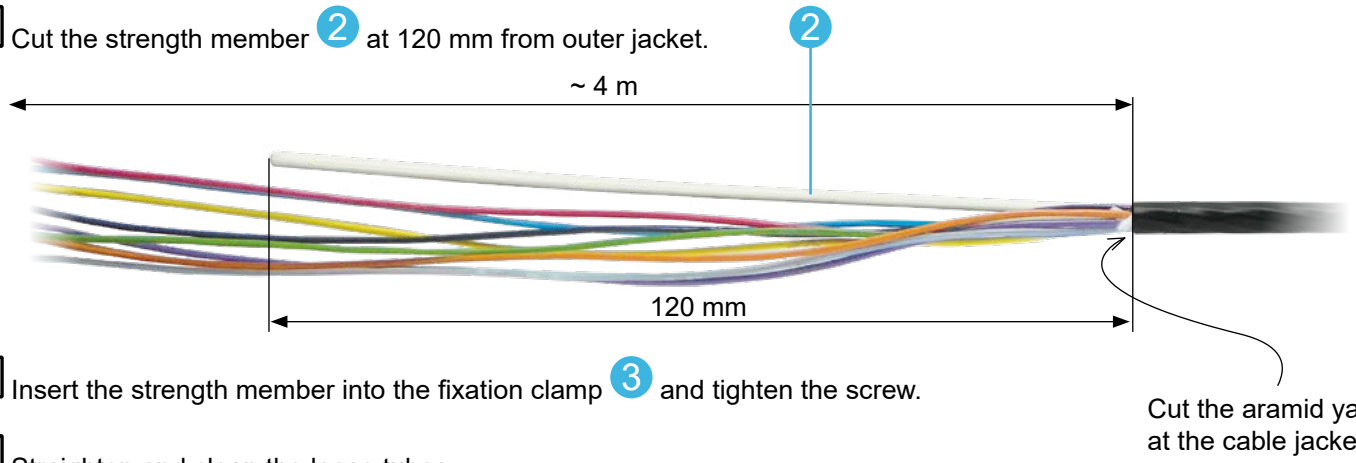
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Cable Termination: Loose Tube Cable

1 Strip the cable over 4 m.

2 Cut the strength member 2 at 120 mm from outer jacket.



3 Insert the strength member into the fixation clamp 3 and tighten the screw.

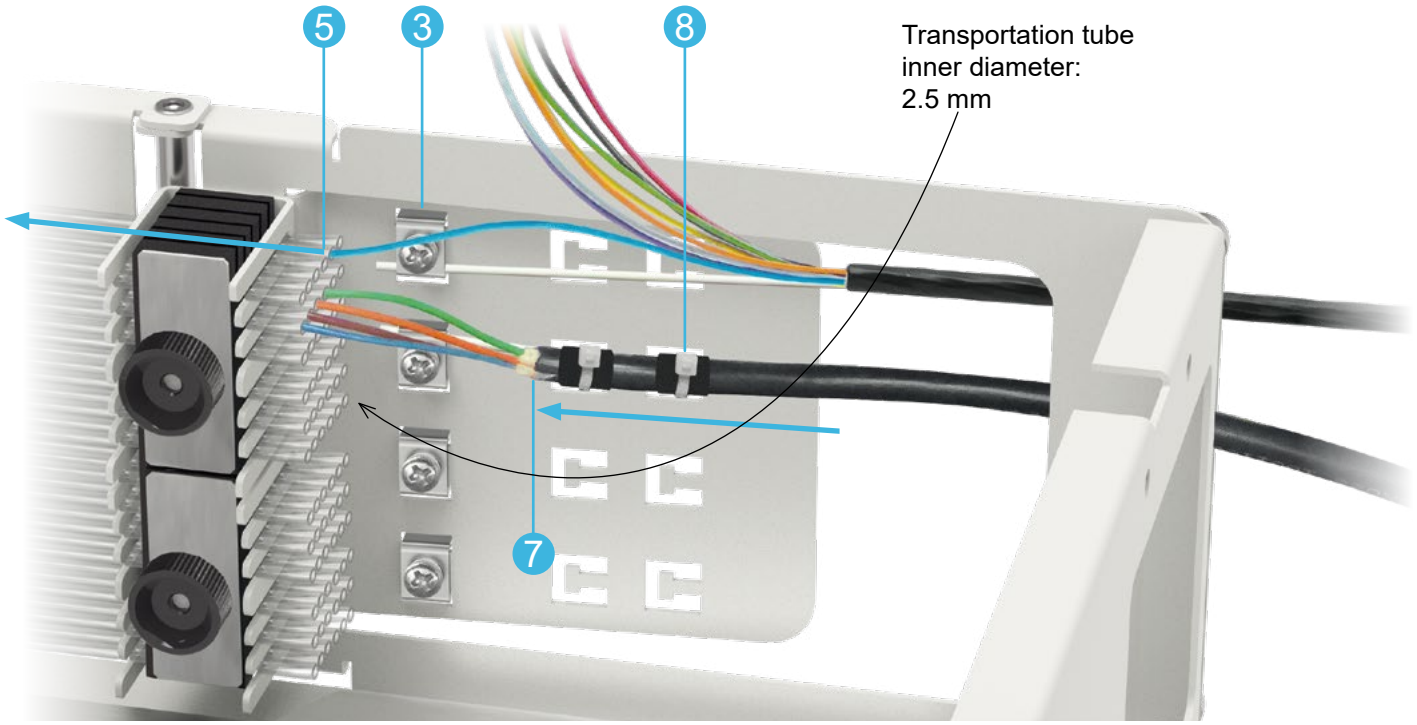
4 Straighten and clean the loose tubes.

5 Insert the loose tubes and fibers into the transporation tubes 5 - **Prevent kinking**.

6 Cut the strength member at 35 mm from outer jacket.

7 Push the cable with loose tubes bundle to the fixation position 7 and fix the strength member to the fixation clamp.

8 Apply foam tape 8 at the T holder positions and fix the cable with cable ties.

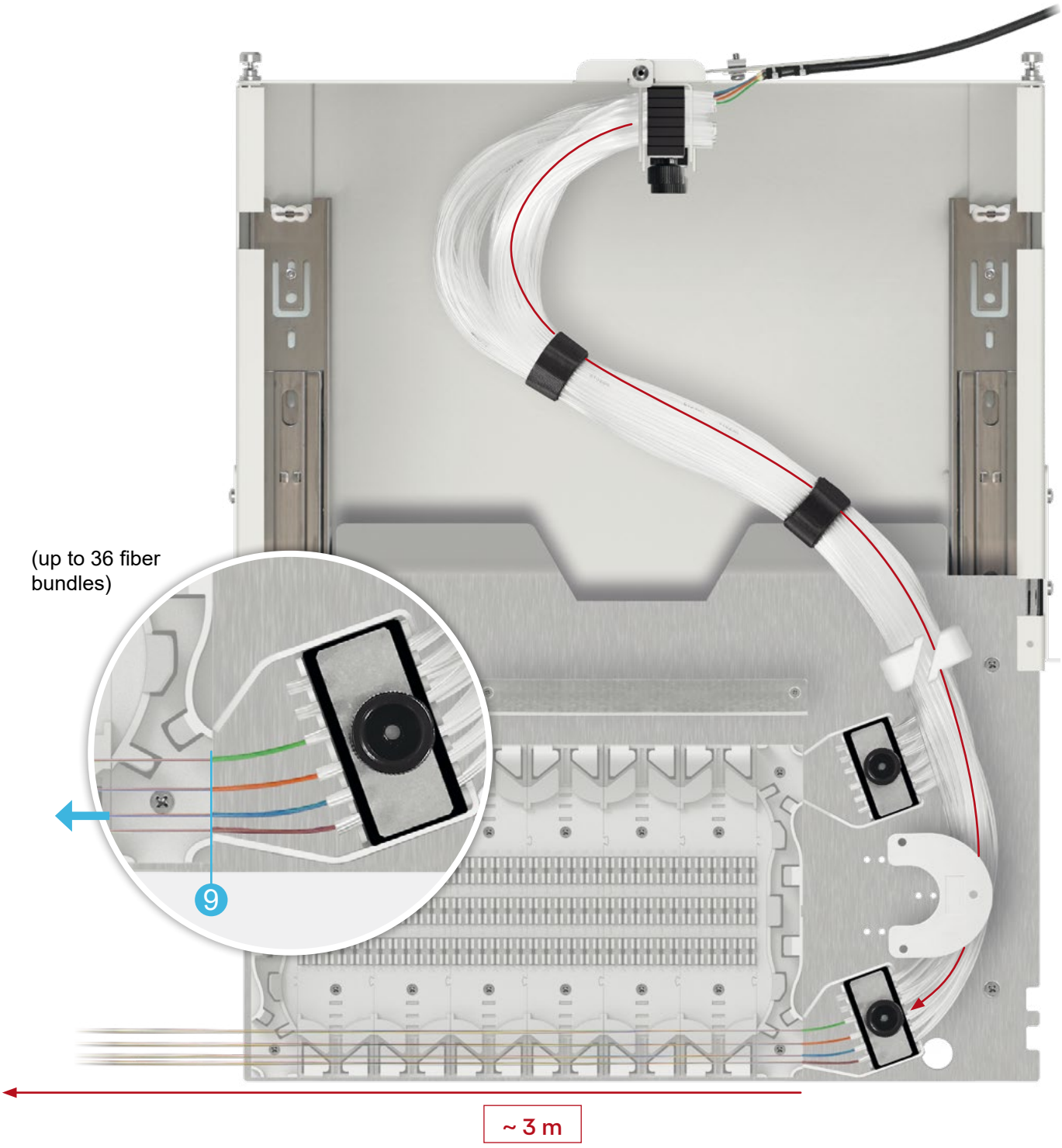


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9 Pull the loose tubes at the end. Strip the loose tubes 9 and clean the fibers.



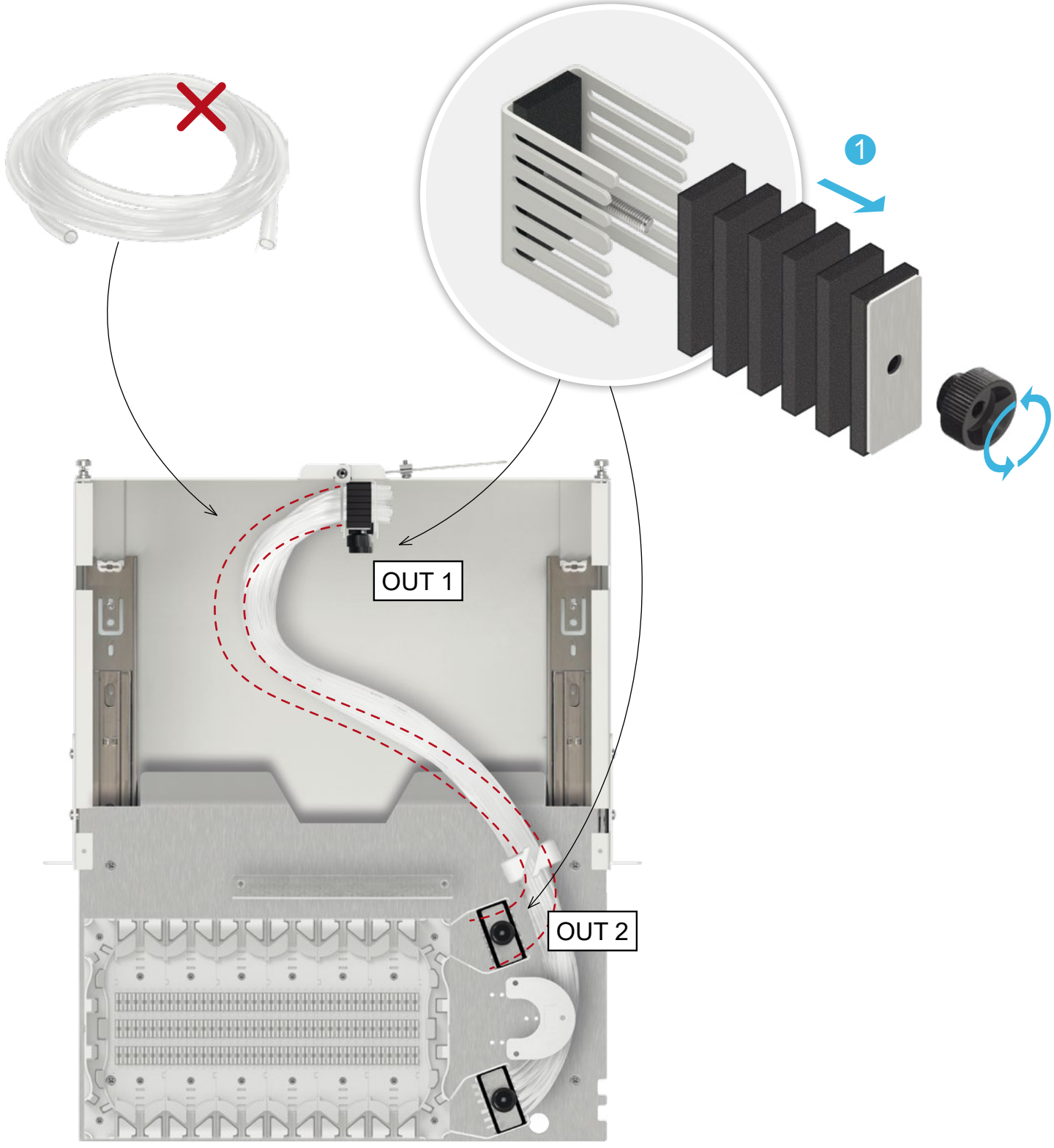
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Option: Cable Termination of Micro Cable / Drop Cable

1 Open the velcros and remove the transportation tubes by disassembling the strain relief blocks 1.

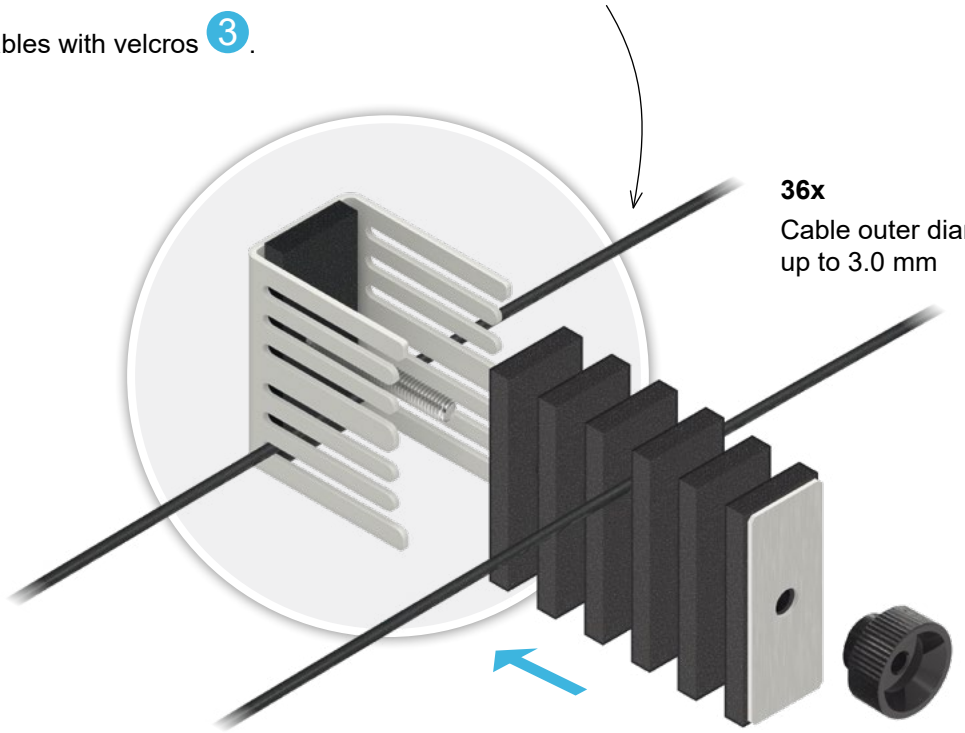


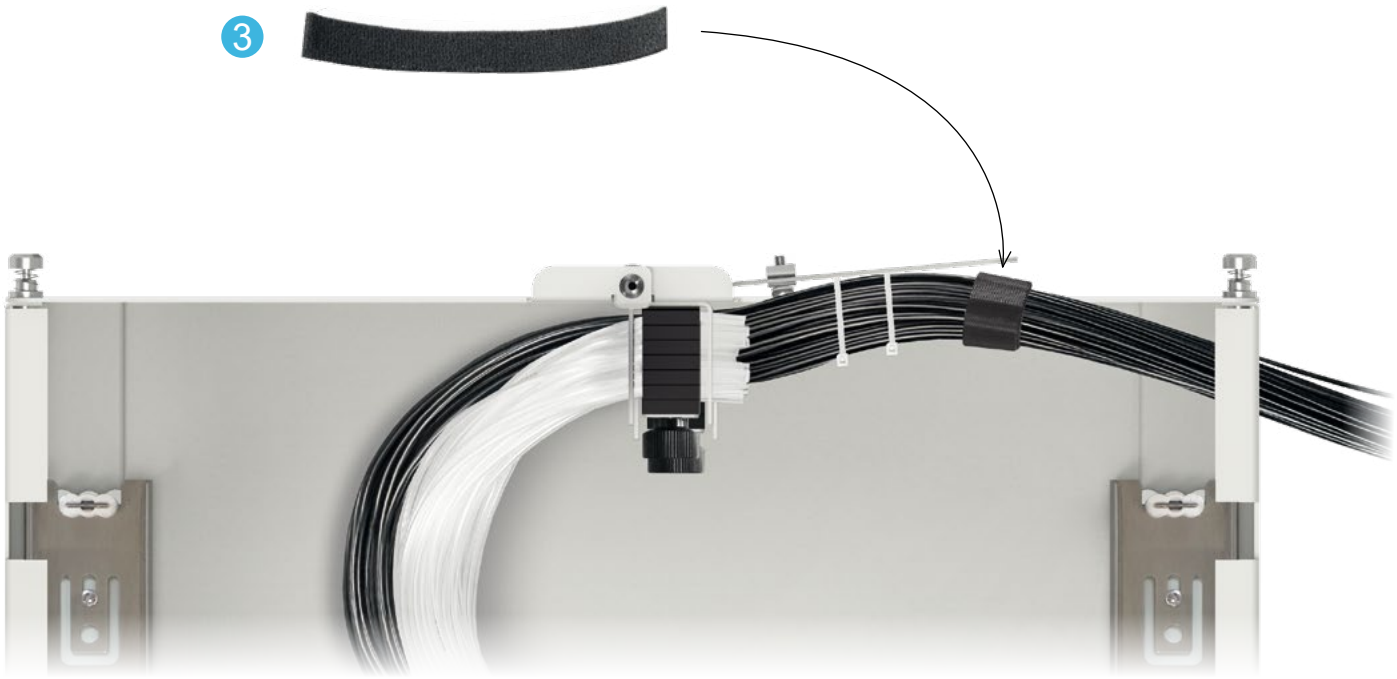
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2 Insert the cables in layers to the strain relief block [OUT 1] according to the counting.

3 Secure the cables with velcros 3.





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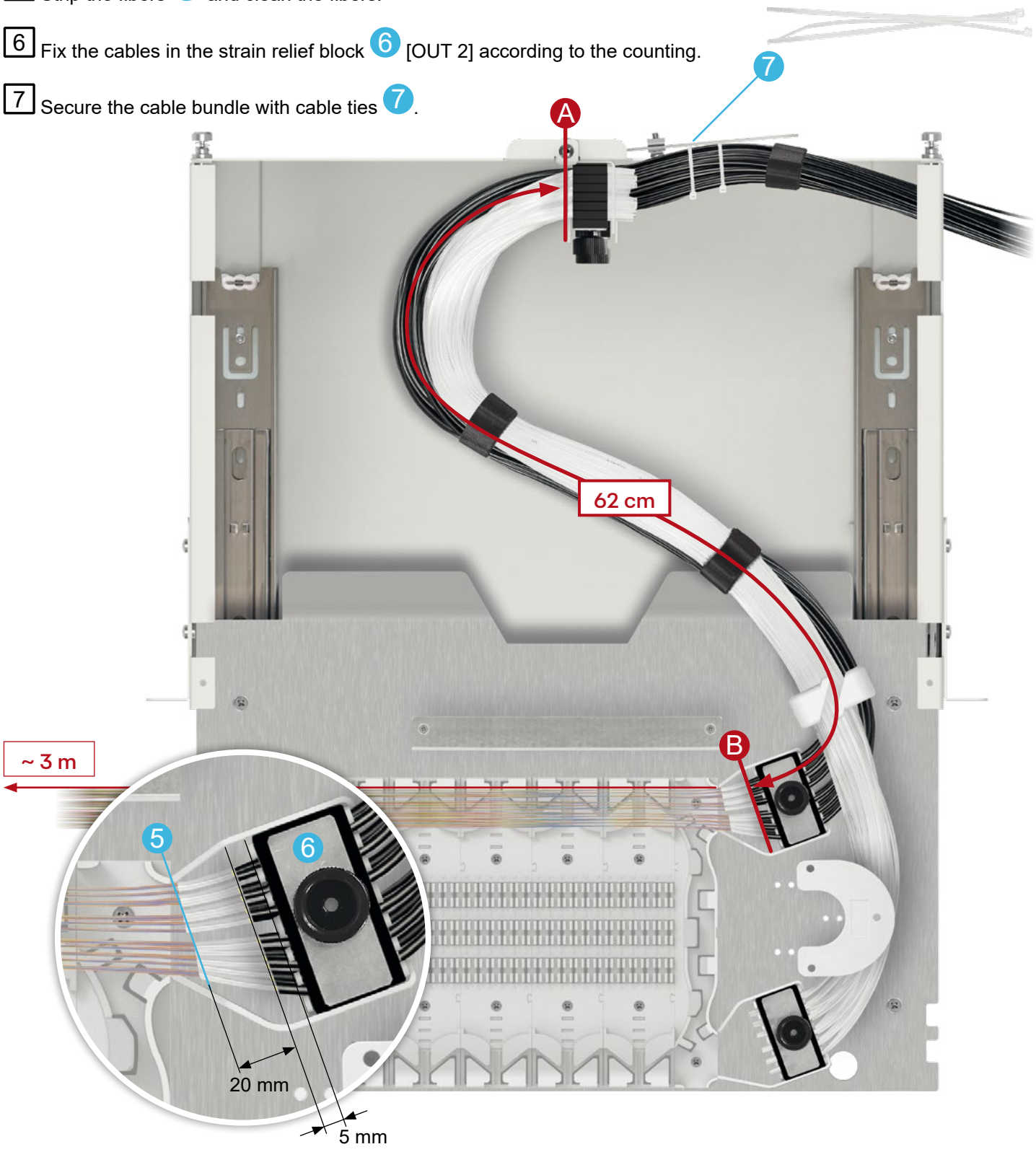
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4 Remove the outer cable jacket 62 cm from A to B.

5 Strip the fibers 5 and clean the fibers.

6 Fix the cables in the strain relief block 6 [OUT 2] according to the counting.

7 Secure the cable bundle with cable ties 7.



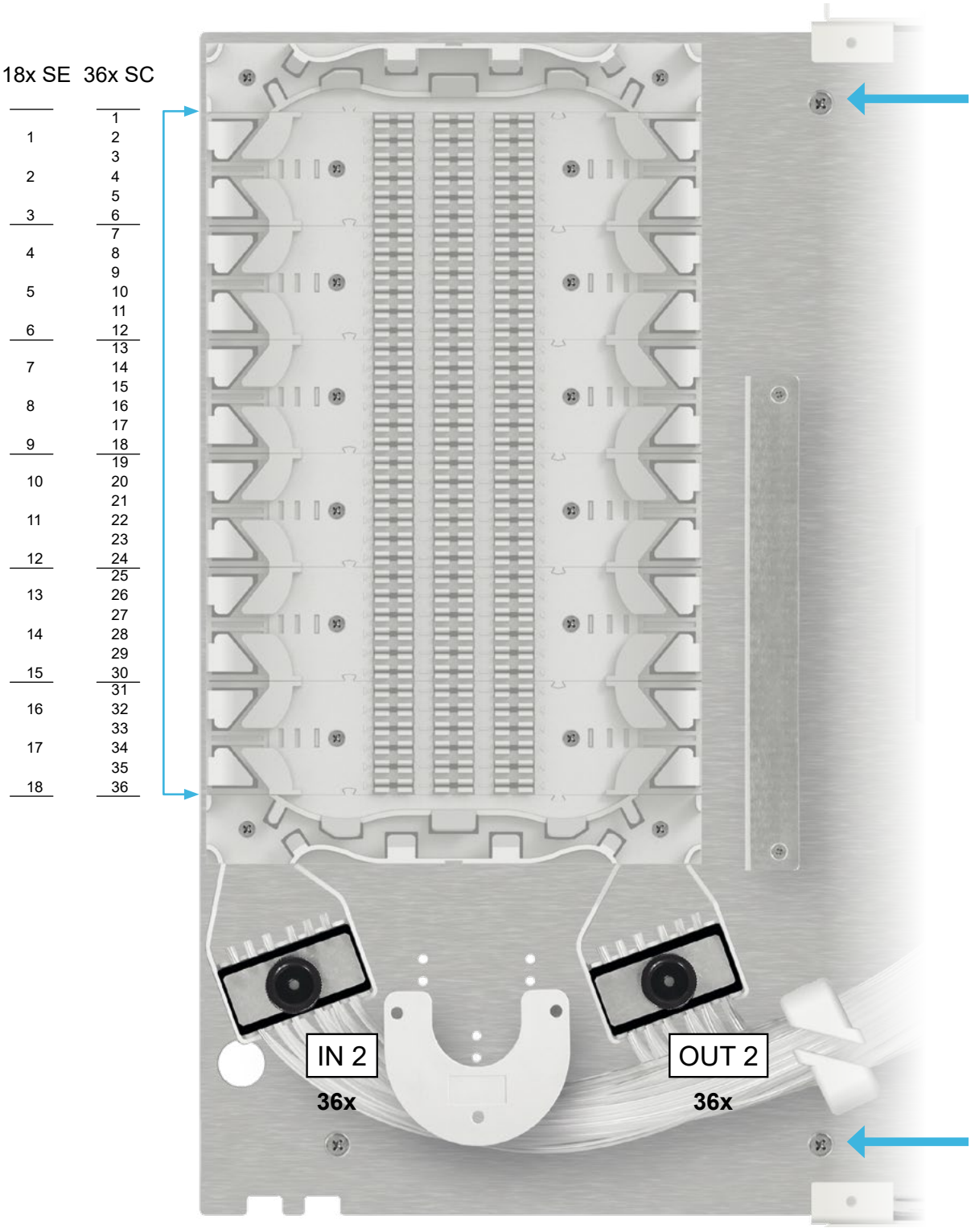
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Cassettes Drawer

Number of cassettes: up to 36 SC (5 mm) or 18 SE (9 mm)
Cassettes with splitters: 18 SE with up to 2x splitters = 36 splitters
Splices: up to 432 (36x 12)



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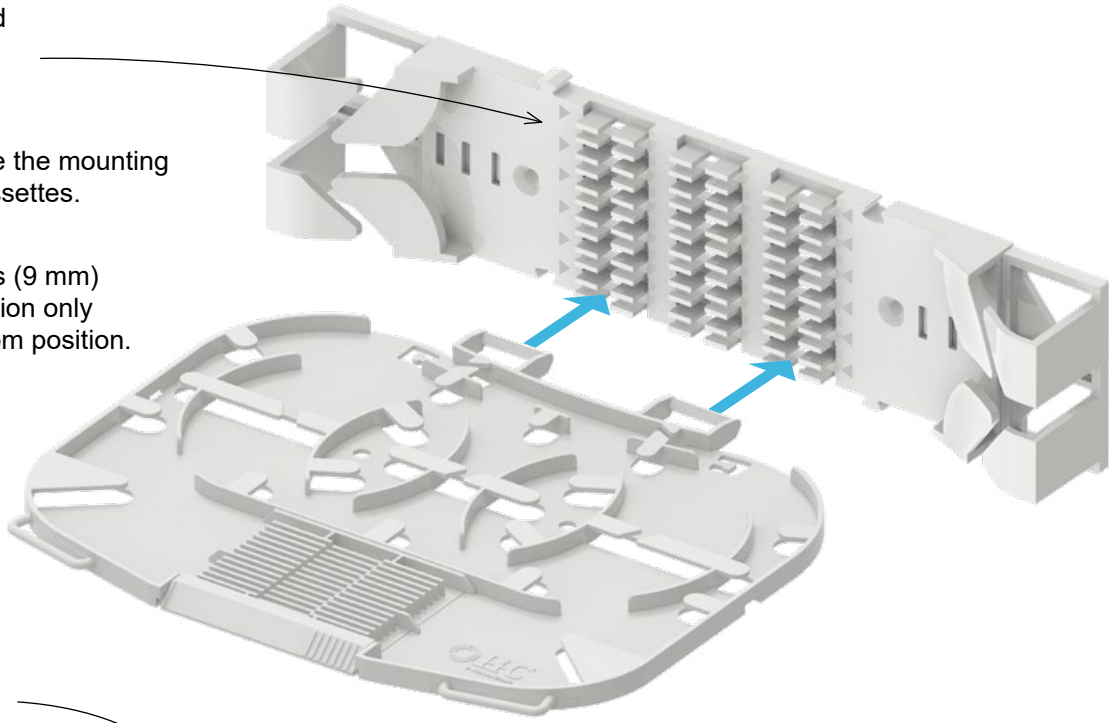
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Installation of the Cassettes

Cassettes can be removed and re-installed as needed to install individual tubes or for splicing.

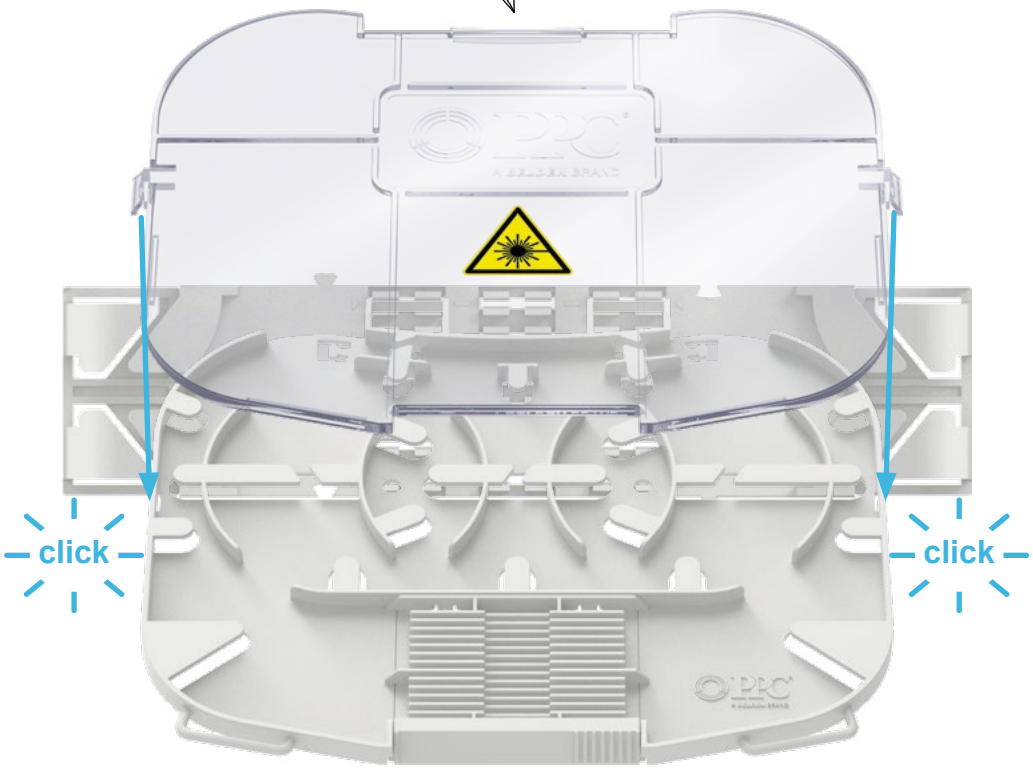
Dock at 90° and snap in and remove in reverse order.



The arrows indicate the mounting positions of the cassettes.

Install SE cassettes (9 mm) to every other position only starting at the bottom position.

The top cassette is covered by a transparent lid.



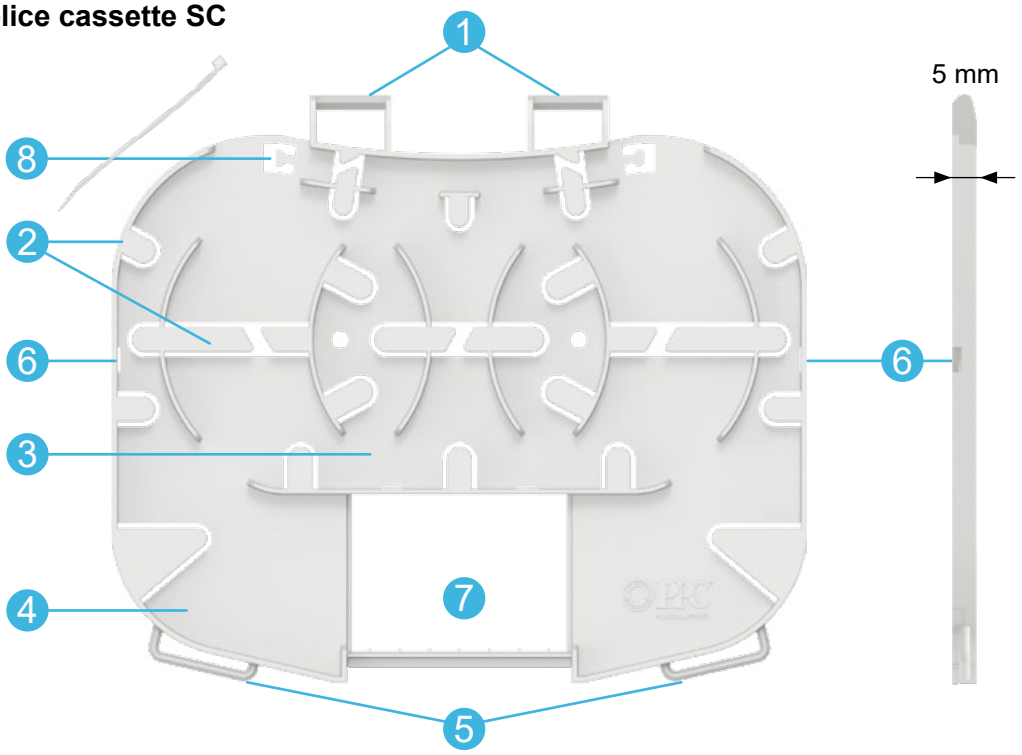
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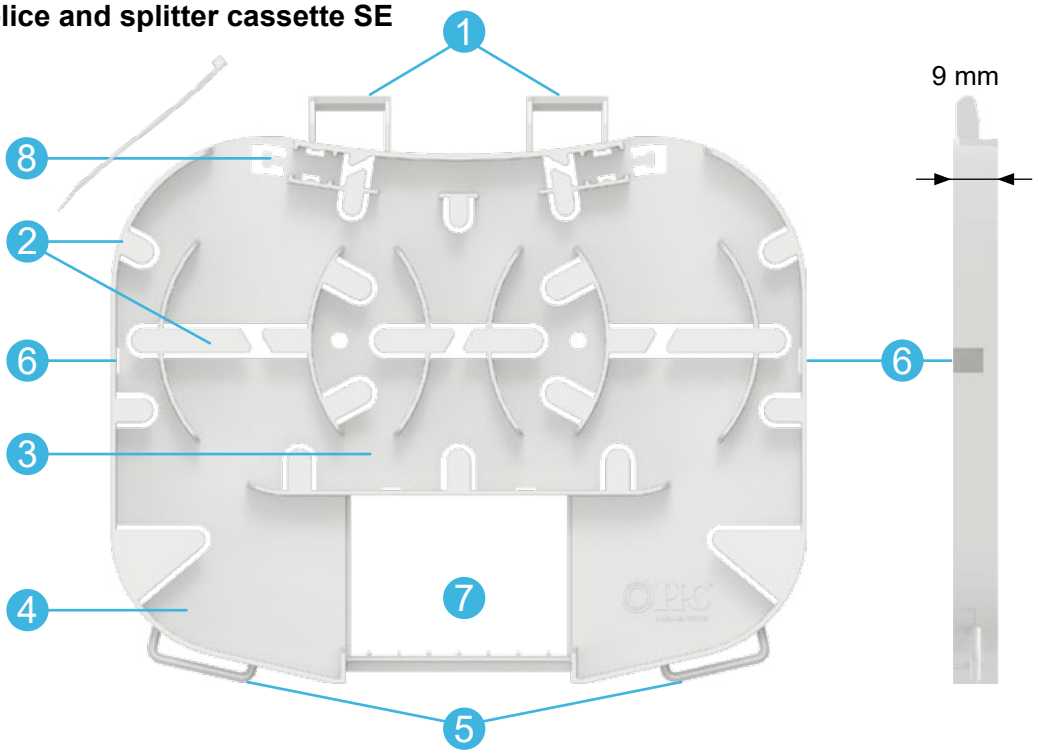
Cassette Types (CSSV1)

1. Mounting clips
2. Fiber retention tabs
3. Inner fiber storage
4. Outer fiber storage
5. Holder for velcro strap clip or snap marker
6. Snap position for tray lid
7. Cut-out for splice holder
8. Fiber tube and cable fixing

Splice cassette SC



Splice and splitter cassette SE

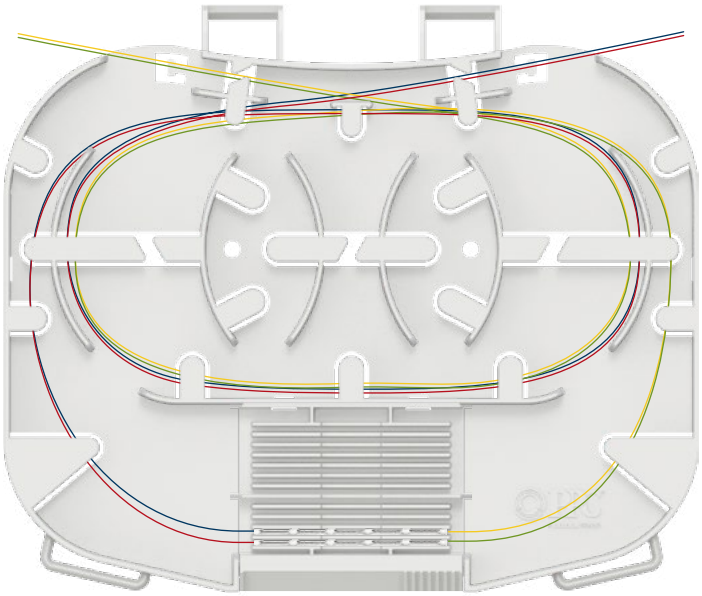


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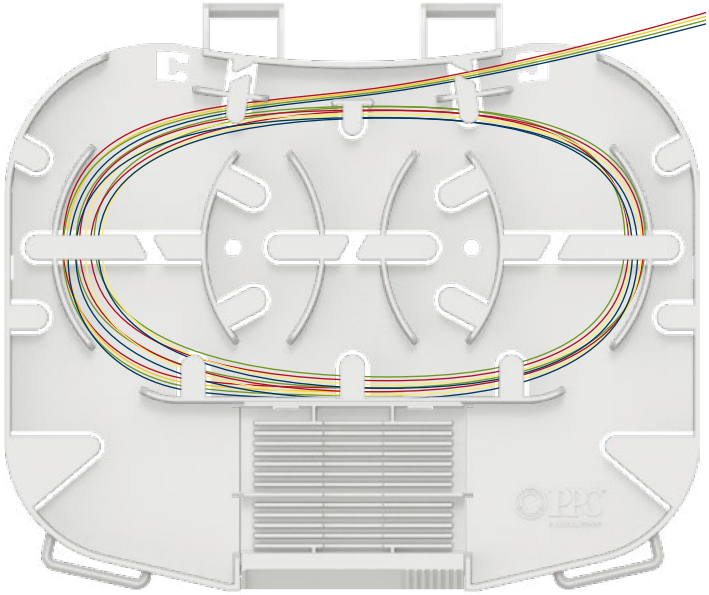
with Cornerstone™ Splice Cassettes Installation Instruction

Fiber Routing in the Cassette

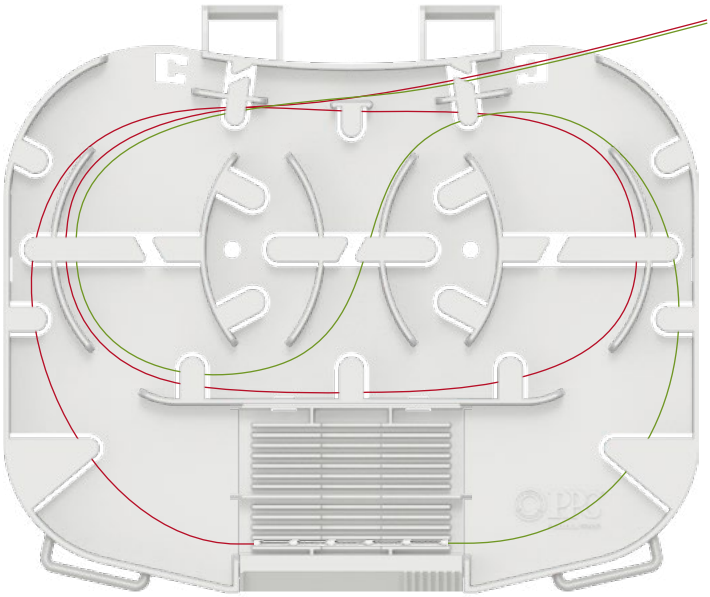
Fiber routing for splicing



Slack storage



Fiber routing with crossing

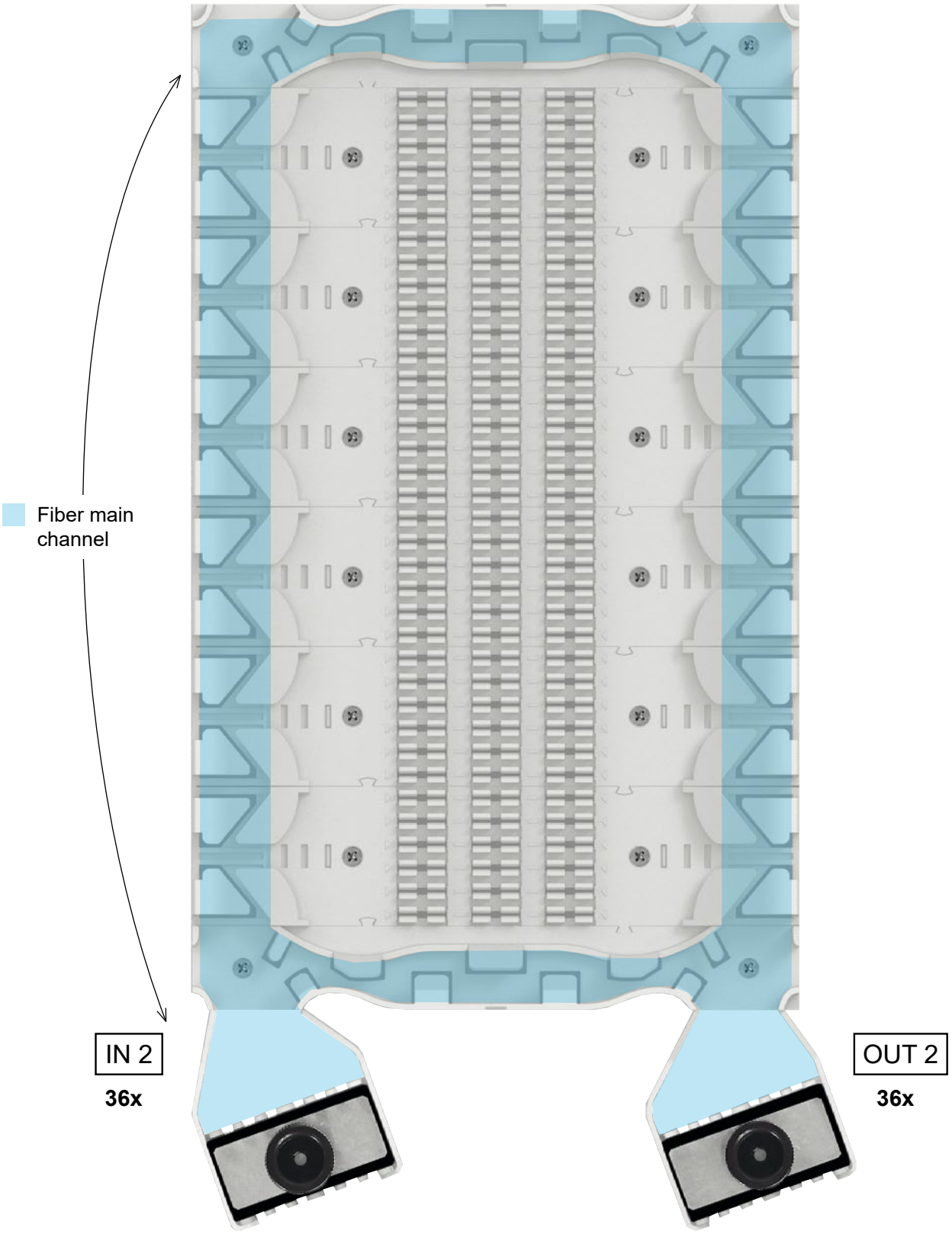


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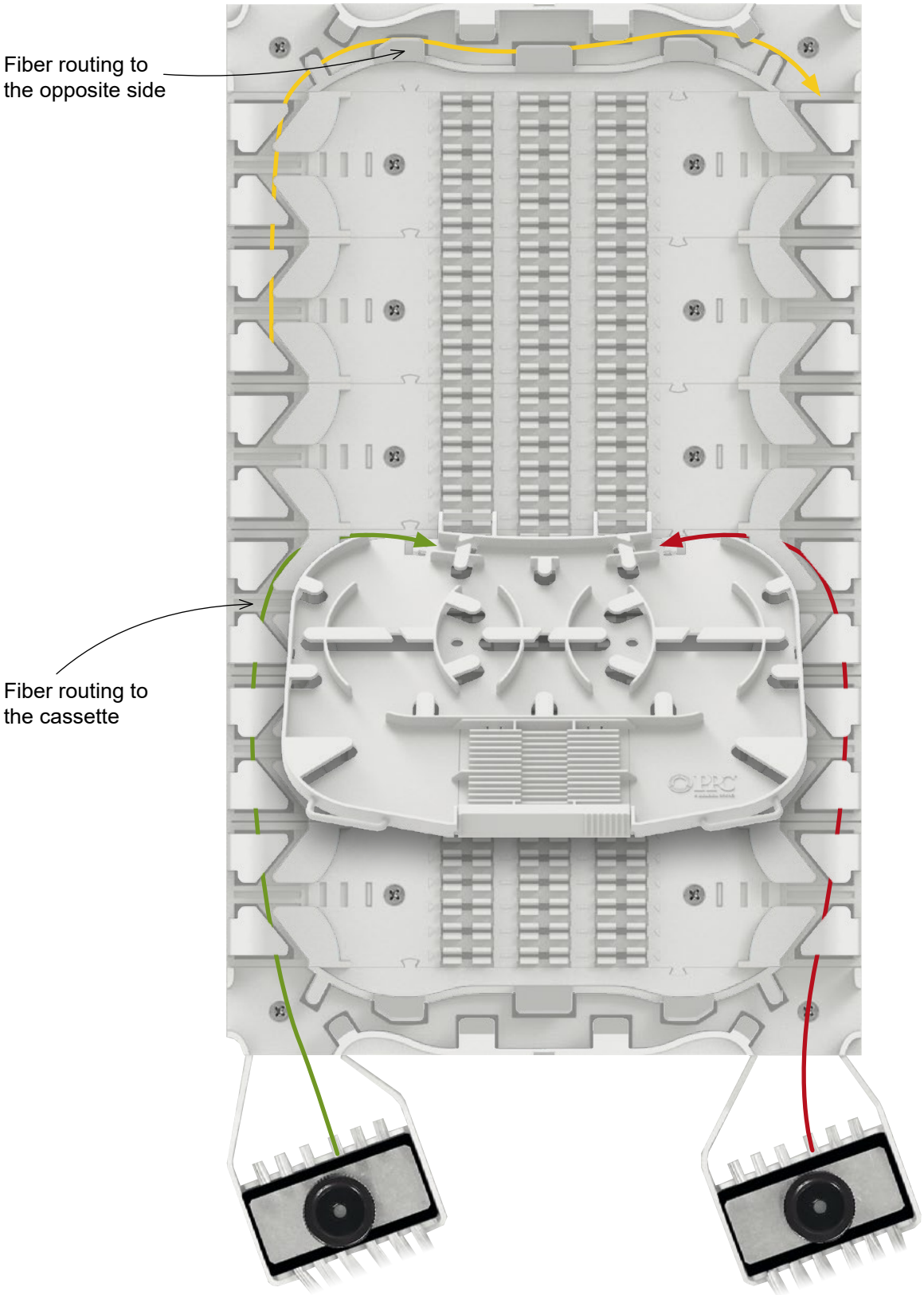
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Management Scheme



Splice/Splice Panel 3U

with Cornerstone™ Splice Cassettes Installation Instruction



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Ordering Information



Splice/Splice Panel 3U

Part Number	Description
SSP23F113600H000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Left Cable Entry, 36 Single Cassettes for Heat Shrink Splice Protectors, light grey, RAL 7035
SSP23F213600H000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Right Cable Entry, 36 Single Cassettes for Heat Shrink Splice Protectors, light grey, RAL 7035
SSP23F113600A000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Left Cable Entry, 36 Single Cassettes for ANT (Crimp Splice Protectors), light grey, RAL 7035
SSP23F213600A000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Right Cable Entry, 36 Single Cassettes for ANT (Crimp Splice Protectors), light grey, RAL 7035
SSP23F1000000000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Left Cable Entry, without Cassettes for flexible self-configuration, light grey, RAL 7035
SSP23F2000000000GY	Splice/Splice Panel, with door, 3U, Front Mounting, Right Cable Entry, without Cassettes for flexible self-configuration, light grey, RAL 7035

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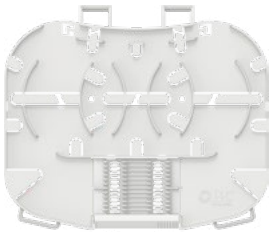
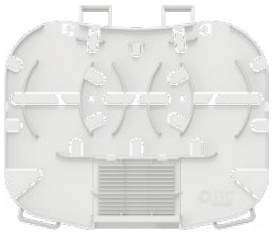
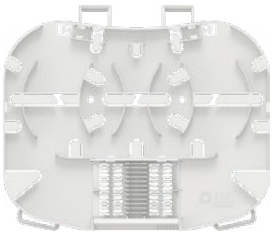
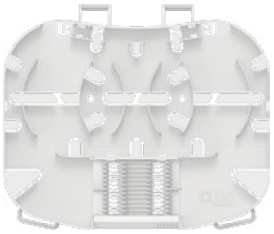
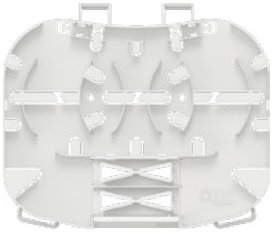
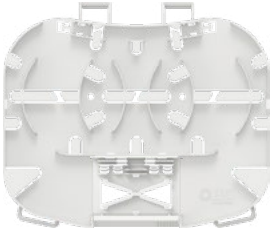
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with Cornerstone™ Splice Cassettes Installation Instruction

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Ordering Information

Cornerstone™ Splice System Components

Part Number	Description	Product Photo
CSS014A12	Splice cassette single height (SC) for 12 HS splice protectors, light grey, pack of 12	
CSS015A12	Splice cassette single height (SC) for 12 crimp splice protectors (ANT), light grey, pack of 12	
CSS016A12	Splice cassette double height (SE) for 24 HS splice protectors, light grey, pack of 12	
CSS017A12	Splice cassette double height (SE) for 24 crimp splice protectors (ANT), light grey, pack of 12	
CSS018A12	Splice cassette double height (SE) for ribbon splice protectors and PLC splitters, light grey, pack of 12	
CSS022A12	Splice cassette double height (SE) for two PLC splitters and for four HS splice and four crimp splice protectors (ANT), light grey, pack of 12	

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