

Sagitta

Empty Fiber Optic UHD
Patch Panel 1U, 2U and 4U

barpa

Instruction Manual

Empty Fiber Optic UHD Patch Panel 1U, 2U and 4U

⚠ General Precautions ⚠

Attention – Prior to initiating any installations, it is of utmost importance that all personnel thoroughly acquaint themselves with the relevant Occupational Health and Safety (OH&S) regulations, as well as local regulations and your company's safety practices and policies.

It is imperative that any wiring connected to this equipment strictly adheres to the appropriate local and national building codes, as well as the established network wiring standards for communication cables.

Important Notice – In order to minimize the risk of unintentional injuries, it is crucial that prior to commencing any work, all personnel attain a comprehensive understanding of the operation of all equipment and procedures slated for use during the installation process.

Prior to utilization, a thorough inspection and testing of all equipment, particularly safety gear, must be conducted to identify any signs of suboptimal functionality. If any deficiencies are identified, immediate replacement and repair measures should be undertaken.

⚠ Laser Safety Precautions ⚠

Caution – Unmated connectors can emit potentially dangerous laser radiation that is invisible to the naked eye. Avoid looking into the end of an unmated connector to prevent potential eye hazards. Refrain from using magnifying devices (such as eye loupes, magnifiers, or microscopes) for inspection. Always ensure that unmated connectors are equipped with end caps for protection.

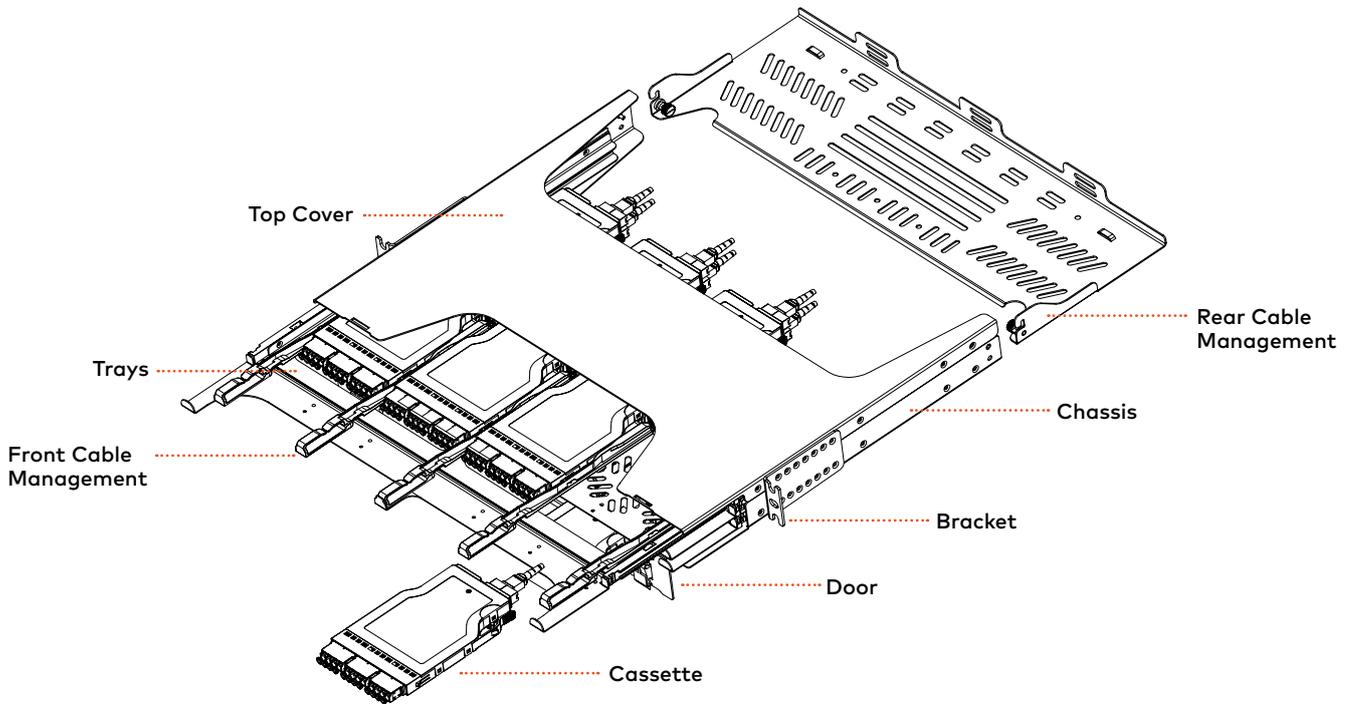
DO NOT DIRECTLY GAZE INTO THE END OF A FIBER OR CONNECTION THAT COULD HAVE A LASER ATTACHED.

If accidental exposure of the eyes to laser light is suspected, it is imperative to promptly arrange for an eye examination to assess any potential impact.

If you didn't understand this instructions manual please contact us by info@barpa.eu

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barpa's Fiber Optic UHD Panel is pre-configured for 12-fiber cassettes. For each U, there are 3 trays that hold 4 cassettes of 12 fibers each.



1U

2U

4U

144F MPO/MTP-LC capacity	Capacity for 288F MPO/MTP-LC	576F MPO/MTP-LC capacity
Up to 18 8F cassettes	Up to 36 8F cassettes	Up to 72 8F cassettes
Up to 12 12F cassettes	Up to 24 12F cassettes	Up to 48 12F cassettes

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ACCESSORIES INCLUDED

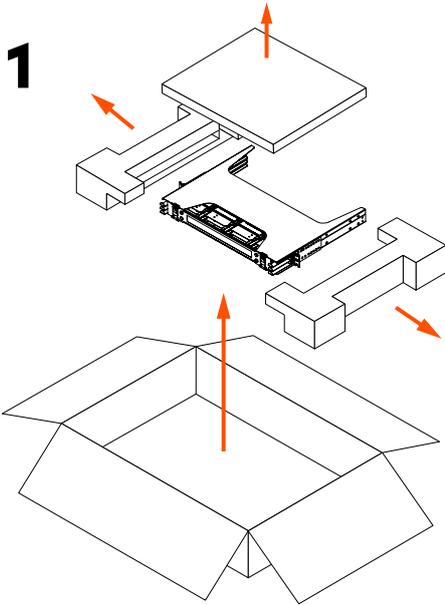
	1U	2U	4U
Cable Ties	6	12	24
Hoop Clamps	2	2	2
Velcro Tape	1m	1m	1m
M6 Screws and Nuts	4	4	4
Fiber Link Marking Label	1	1	1
Cable Management Ring	3	3	6
M3 Screws and Nuts	3	3	6
Instructions Manual	1	1	1
Rear Cable Management	1	1	2
Extra Rails	6	12	24
Screws for Extra Rails	20	40	76

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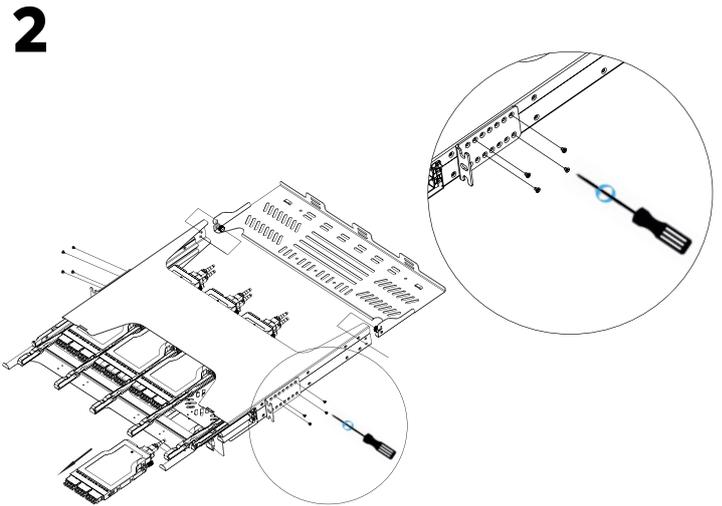
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Installation Method

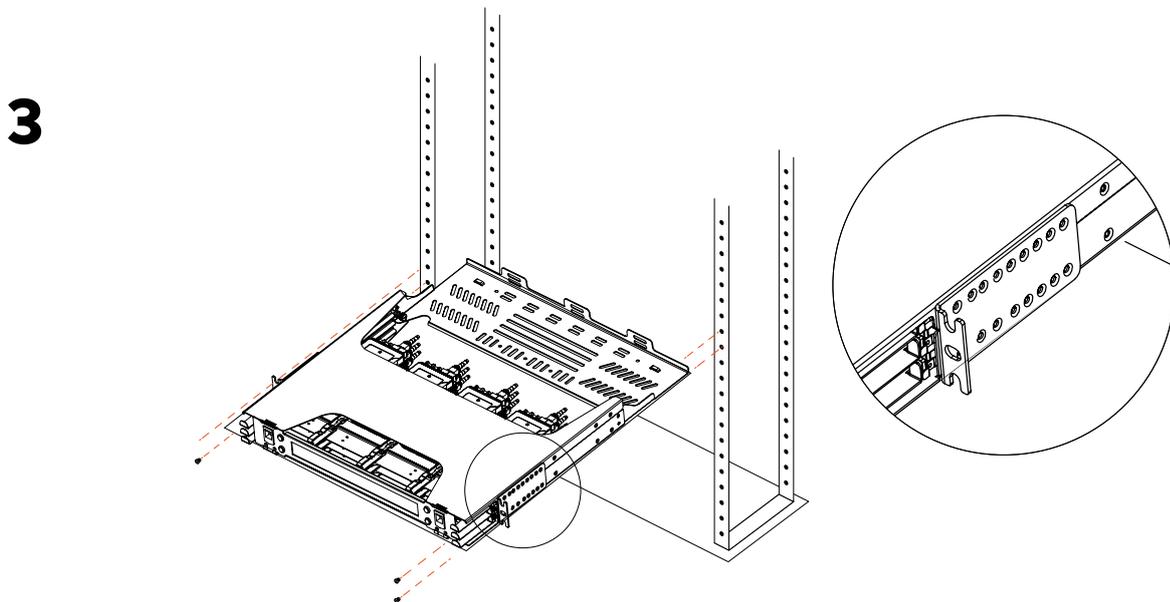
To install this panel, you will only need a screwdriver.



Remove the panel from the packaging.



(Optional step) Adjust the mounting brackets backwards as necessary. You can choose one of the 7 available holes according to your needs.



Screw the panel to the frames.

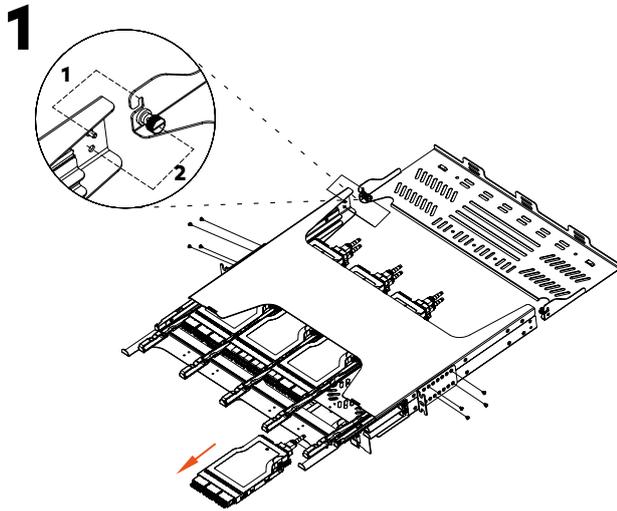
Attention: For easier installation, start by placing the panel in the corresponding space on the frame. Then place the screws at the bottom of the mounting bracket, fixing the panel to the frame. Holding the panel, place the remaining screws at the top.

Tip: If you have several panels installed in the structure, use these screws to adjust their position.

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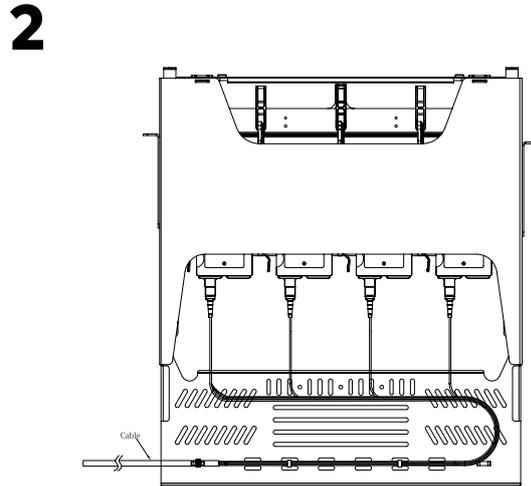
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Patch Panel Operation

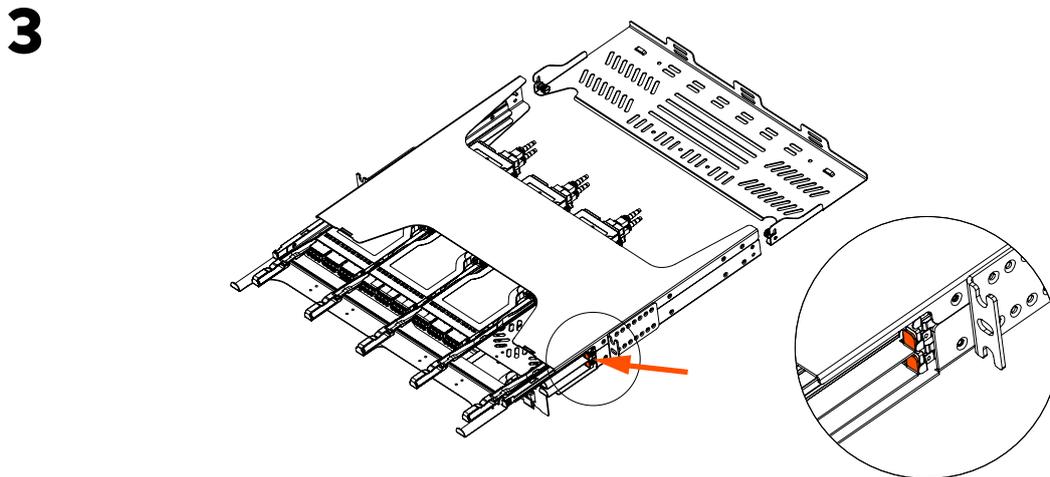


The rear cable management is easy to fit, with no need for additional tools.

(1) Position the hole with the existing pin on the panel, as suggested in the image. **(2)** To secure the cable management, adjust the screw that is below. **(3)** Repeat for the other side.



Tip On the back of the panel, route the cables to the left or right, as shown in the image, to ensure they are better positioned.



If necessary, each tray can be removed from the panel.

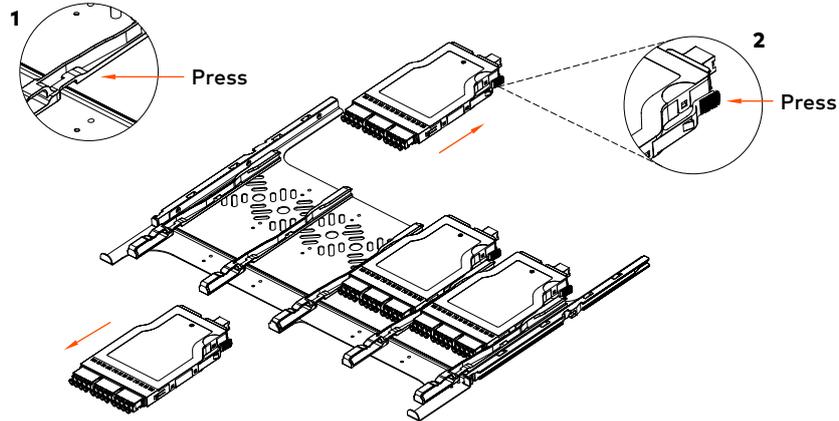
(1) Removing the tray: Slide the tray all the way out and push the two tabs at the ends of the tray, as shown in the picture. **(2)** Inserting the tray: Align the tray in the correct place and slide it back into position, ensuring that the cable organizers are at the front of the panel.

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Patch Panel Operation

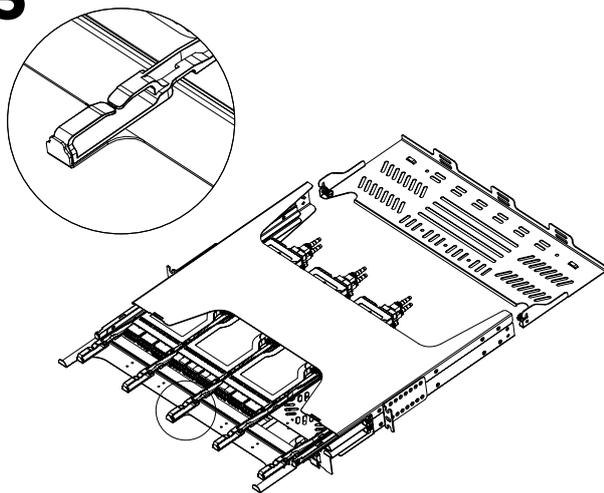
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The fiber cassettes can be removed and installed from the front or back of the panel, depending on the space available.

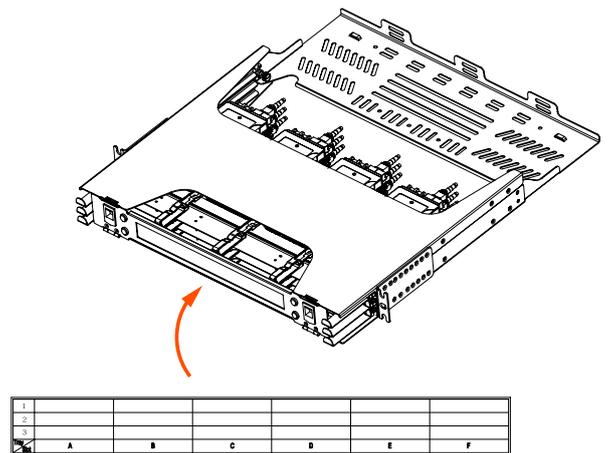
- (1) Remove from the front: Press the rail on the left-hand side of the cassette and slide the cassette until it is completely removed.
- (2) Remove from the back: Press the tab on the back of the cassette and gently pull it until it is out of the panel.

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Tip At the front of the panel, place the cables in the hoops to ensure that they are properly routed to the left or right.

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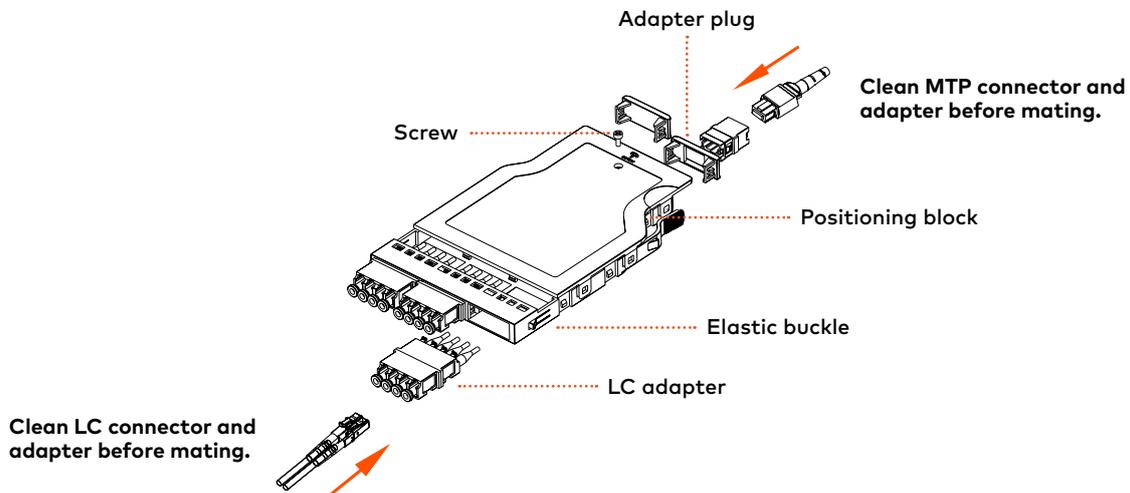
The cassettes installed can be identified using the label on the front of the panel.

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To ensure the optimal functioning of your structured network, please note the importance of cleaning the connectors before inserting them into the fiber cassette.