

Faster.  
Easier.  
Better.



## FiberExpress Patch Panel Systems FX UHD Housings and Shelves

Elegantly simple yet uncompromisingly flexible. Ultra high-density rack-mount fiber connectivity system, crafted for effortless installation and maintenance.

### FASTER

- Faster field-termination with high-accessibility sliding and tilting drawers
- Faster pre-term installation with simple fixed shelves and cassettes

### EASIER

- Easier installation with tool-less removable drawers and lightweight housings
- Easier port identification with clear visible labeling
- Easier to configure with flexible port count LC, SC, ST and MPO modules

### BETTER

- Better fiber protection with covered patch cord tray
- Better high density offering with 18-port modules for up to 72 LC Duplex ports per 1U
- Better visibility with light colored Titanium finish

### FX UHD Housings

Feature-rich housings are fully enclosed to provide protection for exposed 250  $\mu$ m and 900  $\mu$ m fibers coupled with sliding and tilting drawers to speed up and simplify installation and maintenance.

| Description  | Number of Module Bays | Total LC Duplex/<br>MPO Ports using<br>FX Ultra Frames<br>and Cassettes | Total LC Duplex/<br>MPO Ports using<br>FX UHD Frames<br>and Cassettes | Belden Part Number |          |
|--|-----------------------|---|---|--------------------|----------|
|  |                       |   |   | Titanium           | Black    |
| 1U Housing with Front and Rear Cable Tray  | 4                     | 48  | 72  | AX104681           | AX105563 |
| 2U Housing with Front and Rear Cable Tray  | 8                     | 96  | 144   | AX104682           | AX105564 |
| 4U Housing with Front and Rear Cable Tray  | 16                    | 192   | 288   | AX104683           | AX105565 |
| 4U 23" Housing with Front and Rear Cable Tray  | 20                    | 240   | 360   | AX105379           | -        |
| Optional 1U Splice Housing Kit, 144 splices (add up to 4 on the 4U Housing) <sup>1</sup> | N/A                   | N/A   | N/A   | AX104684           | AX105678 |
| Optional Patch Cord Tray Cover, 19" <sup>2</sup>   | N/A                   | N/A   | N/A   | AX105162           | AX105672 |

1. Up to 4 splice housing kits can be added to 4U housings. Splice housing kits are only compatible with standard 19" rack mount housings.
2. Use with 1U or 4U housings to protect the contents of the topmost patch cord tray. Patch cord tray cover is included with 23" housings.

### FX UHD Shelves, Single Cassette Holder

Entry-level cost effective solutions for pre-terminated systems.

| Description                             | Number of Module Bays | Total LC Duplex/<br>MPO Ports using<br>FX Ultra Frames<br>and Cassettes | Total LC Duplex/<br>MPO Ports using<br>FX UHD Frames<br>and Cassettes | Belden Part Number |              |
|---|-----------------------|---|---|--------------------|--------------|
|   |                       |   |   | Titanium           | Black        |
| 1U FX UHD Bezel                         | 4                     | 48  | 72  | AX105813           | AX105812     |
| 1U Standard Fixed Shelf                 | 4                     | 48  | 72  | AX105164           | AX105673     |
| 1U Recessed Fixed Shelf                 | 4                     | 48  | 72  | AX105165           | AX105674     |
| 4U Standard Fixed Shelf                 | 10                    | 120   | 180   | AX105166           | AX105675     |
| 4U Recessed Fixed Shelf                 | 10                    | 120   | 180   | AX105167           | AX105676     |
| FX UHD Single & Double Cassette Holders |                       |   |   | Magnetic           | Non-Magnetic |
| Single Cassette Holder (Black Finish)   |                       |   |   | FXFUBRSHM          | FXFUBRSHM    |
| Double Cassette Holder (Black Finish)   |                       |   |   | FXFUBRDHM          | FXFUBRDHS    |

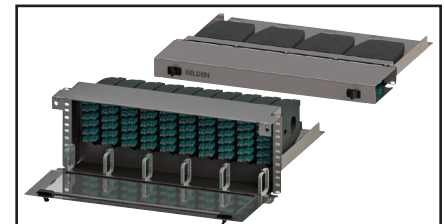
See the FX UHD System Product Bulletin (PB500) for further options



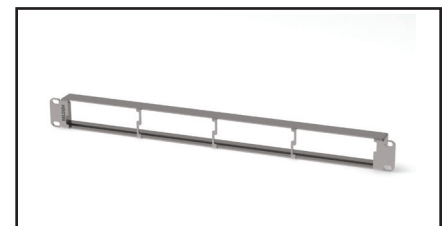
Top: AX104681, FX Ultra HD 1U Patch Panel Housing  
Bottom: AX104683, FX UHD 4U Patch Panel Housing (shown loaded)



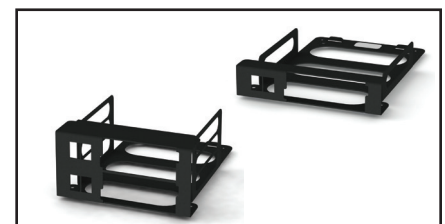
AX104681, FX UHD Patch Panel 1U with Mounted Splice Housing Kit (AX104684)



Top: AX105164, FX UHD 1U Patch Panel Standard Shelf  
Bottom: AX105167, FX UHD 4U Patch Panel Recessed Shelf (shown loaded)



AX105813 FX UHD 1U Bezel



Top: FXFUBRSHM, FX UHD Single Cassette Holder with Magnetic Attachment  
Bottom: FXFUBRDHM FX UHD Double Cassette Holder with Magnetic Attachment (Bottom)