

USER GUIDE

Slimline 2 Plate Fiber Patch Panel

Small Foot Print up to 2 Plates, Wall or DIN Mount Fiber Patch Panel

The Slimline 2 Plate Fiber Patch Panel is designed for fiber optic patching and splicing applications where a wall or DIN rail mounting is desired.

The patch panel holds up to 2 fiber adapter plates which are available with ST, SC, FC, LC, MTRJ, UPC, and APC style adapters. Adapter plates, along with fiber pigtails, can be ordered separately or bundled together with the patch panel through our configurator.

The sturdy aluminum enclosure is powder coated light grey and features a hinged door secured with convenient flip down plunger latches. The door offers easy and full access to the inside compartment making the installation and cable routing less challenging.

Each patch panel includes an adhesive splice holder, fiber splice protection sleeves, distribution chart, cable mounting tie-downs, and adhesive Velcro® hook and straps for securing fiber cable. Self-sealing, removable 2" grommets on the top and bottom of the enclosure allow a safe entrance and exit for the fiber cable.

The patch panel can be wall mounted with the included hardware or DIN rail mounted when ordered with a DIN clip. The heavy duty DIN clip allows for quick and secure mounting in a variety of applications where DIN rail is present.

Key Features

- Optional heavy duty DIN-Rail clip for DIN Mounting Applications
- Supports ST, SC, FC, LC, MTRJ, UPC, APC style adapters
- Durable light weight aluminum, powder coated light grey
- Holds 2 adapter plates
- Hinged door with plunger latches
- Wall mounting hardware included
- Splice holder and fiber splice protection sleeves included
- Self-sealing removable grommets on the top and bottom
- Adhesive Velcro hook and straps for easy and flexible fiber management included



DIN Mount

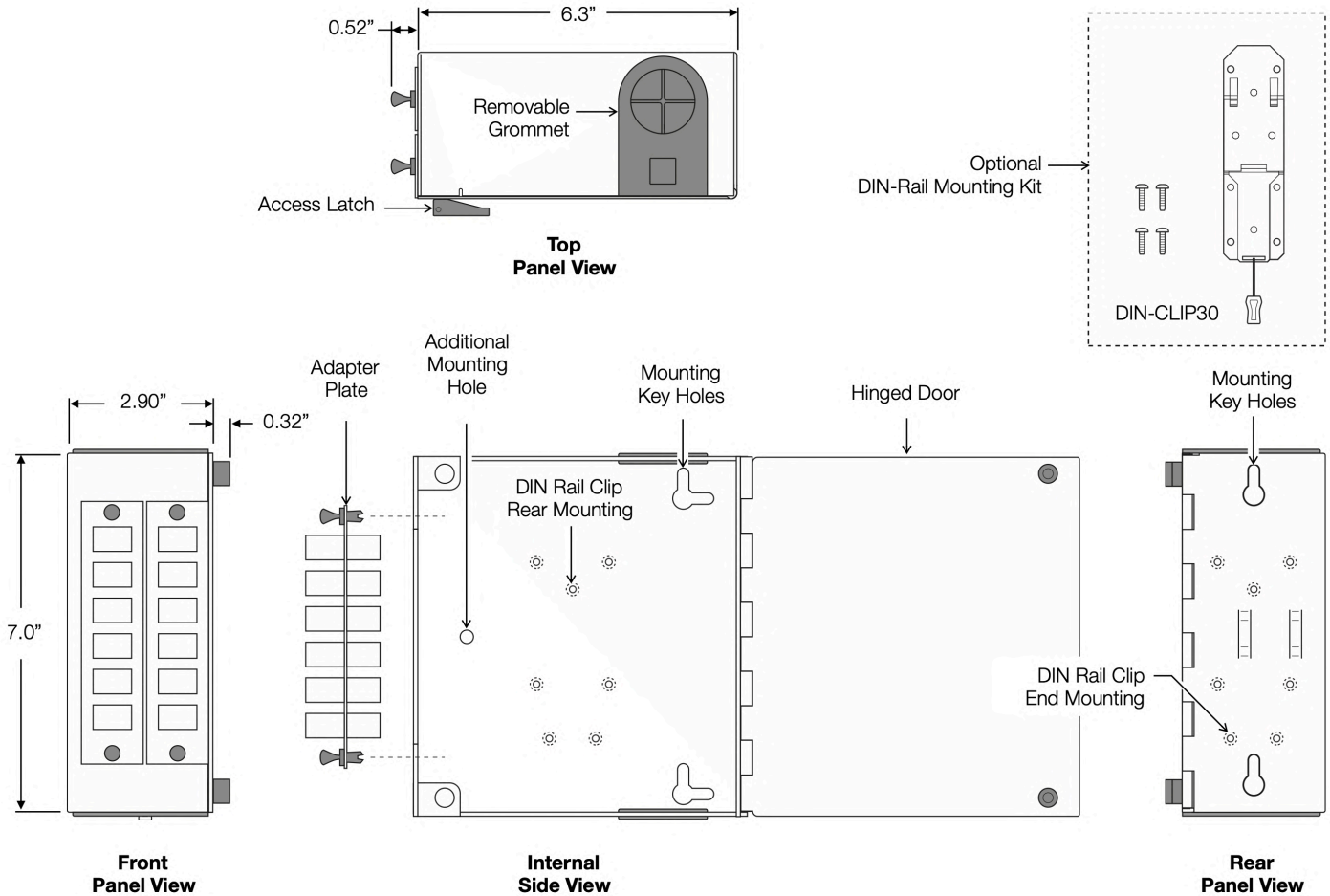


Wall Mount

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Dimensions & Components

The dimensional diagram below calls out important features of the Wall Mount Patch Panel.



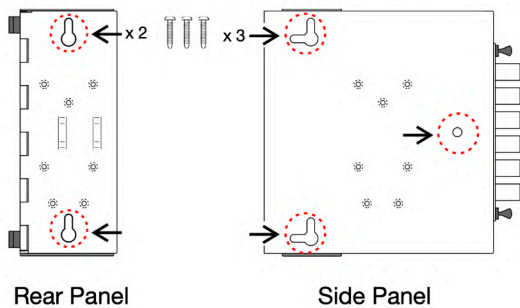
Installation

Choose a suitable location, with room for the door to open fully for easy access to the interior. Pre-position the patch panel to plan out cable routings and check for any potential problems with the location. The patch panel may be mounted in any orientation making it a flexible solution in the field.

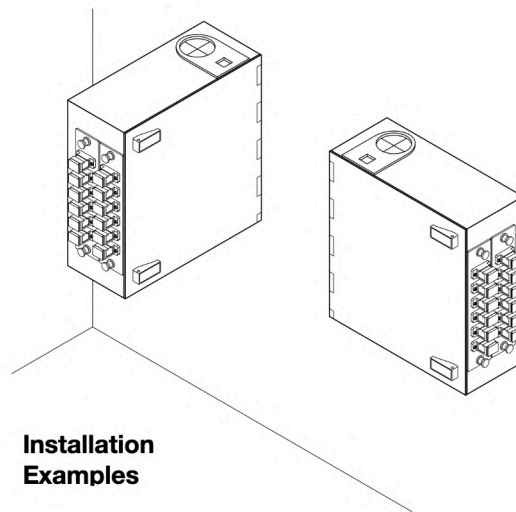
Installation (cont'd)

Wall Mounting

Once the position is determined, mark out the mounting points and use the included 3/4" screws to mount the patch panel. For all other mounting applications, use appropriate mounting hardware as required.



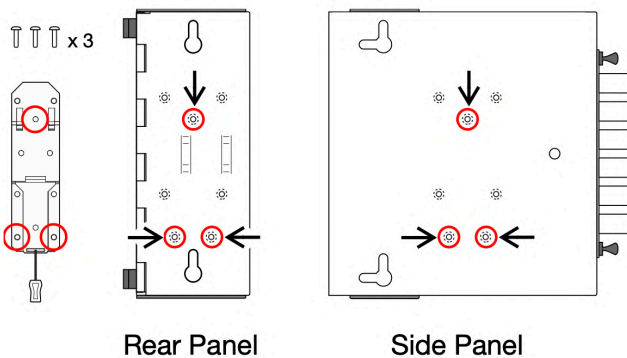
Wall Mounting Hole Locations



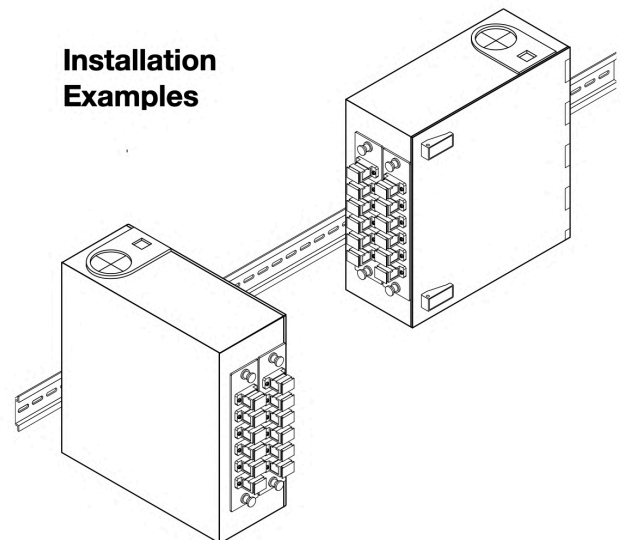
Installation Examples

DIN Rail Mounting

The patch panel may be configured for DIN rail mounting facing right or left, using a rear or side DIN rail installation. Attach the DIN Clip using the screws provided onto the lower set of holes for your desired orientation. This will center the patch panel when mounted on the DIN rail.



DIN Clip & Mounting Hole Locations



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Ordering Information

Use the following part number when ordering the patch panel without fiber adapter plates or pigtails.

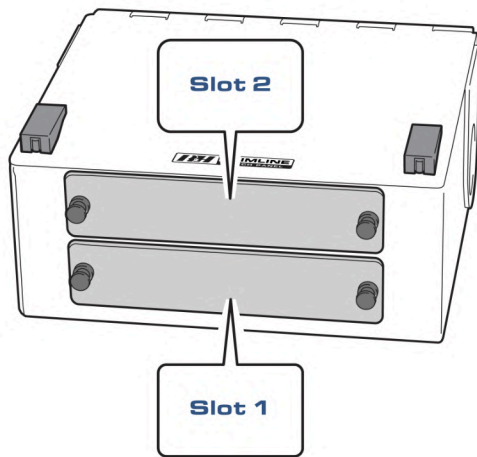
| Description | Mounting | Capacity | Dimensions | Part Number |
|------------------------------------|----------|------------------|--------------------------------|-------------|
| Slimline 2 Plate Fiber Patch Panel | Wall | 2 Adapter Plates | 6.3" (W) x 2.9" (D) x 7.0" (H) | PWS2-A-1 |
| Slimline 2 Plate Fiber Patch Panel | DIN Rail | 2 Adapter Plates | 6.3" (W) x 2.9" (D) x 7.0" (H) | PWS2-A-1-D |

- Fiber adapter plates and/or pigtails can be ordered separately; plates can be preinstalled, while pigtails will be bundled

| Description | Part Number |
|-----------------------|-------------|
| DIN Rail Mounting Kit | DIN-CLIP30 |

Ordering with Fiber Adapter Plates, Pigtails, and DIN Clip

Use the ordering code below to order the patch panel with any combination of a preinstalled adapter plates, bundled fiber pigtails, and preinstalled DIN clip. Refer to the Fiber Adapter Plate Chart and the Fiber Pigtail Chart on the following pages.



Example #1: **PWS2 - A - 08 - 08 - 00 - 00 - 1**

| | |
|-------------------|----------------|
| Slot 1 (08): | AP-ST12-LSMM-G |
| Slot 2 (08): | AP-ST12-LSMM-G |
| Slot 1 (00): | None |
| Slot 2 (00): | None |
| Din Clip (Blank): | None |

Example #2: **PWS2 - A - 32 - 32 - 41 - 41 - 1 - D**

| | |
|----------------|----------------|
| Slot 1 (32): | AP-SC6-LDSM-G |
| Slot 2 (32): | AP-SC6-LDSM-G |
| Slot 1 (41): | RLH-12SMSC-03M |
| Slot 2 (41): | RLH-12SMSC-03M |
| Din Clip (-D): | DIN-CLIP30 |

PWS2 - A - XX - XX - XX - XX - 1 -X

Slot 1 Slot 2 Slot 1 Slot 2

Fiber Adapter Plates

Use the code from the Adapter Plate Chart* to populate slots with adapter plates preinstalled

Fiber Pigtails

Use the code from the Fiber Pigtail Chart* to have them bundled together with the patch panel

DIN Clip

Add "-D" to include preinstalled DIN Clip

*Please refer to the **Fiber Adapter Plate Chart** and the **Fiber Pigtail Chart** on the following pages.

Ordering Information (cont'd)

Adapter Plate Chart

Use the Adapter Code to specify the desired plate style to be preinstalled.

| Adapter | Mode | Adapter Plate Style | | | | Supported Fiber Types | Grey Plate Part Number | Adapter Code |
|-------------------|-----------|---------------------|--------|-----------|-------------|-----------------------|------------------------|--------------|
| | | Type | Fibers | Positions | Color | | | |
| Blank | - | - | - | - | - | - | AP-BLANK-G | 00 |
| ST | SM | Simplex | 6 | 6 | Yellow Caps | OS1/OS2 | AP-ST6-LSSM-G | 01 |
| | | | 12 | 12 | Yellow Caps | OS1/OS2 | AP-ST12-LSSM-G | 03 |
| | MM | Simplex | 6 | 6 | Black Caps | OM1~OM4 | AP-ST6-LSMM-G | 06 |
| | | | 12 | 12 | Black Caps | OM1~OM4 | AP-ST12-LSMM-G | 08 |
| FC | SM | Simplex | 6 | 6 | Yellow Caps | OS1/OS2 | AP-FC6-LSSM-G | 20 |
| | MM | Simplex | 6 | 6 | Black Caps | OM1/OM2 | AP-FC6-LSMM-G | 23 |
| FC/APC | SM | Simplex | 6 | 6 | Green Caps | OS1/OS2 | AP-FA6-LSSM-G | 26 |
| SC | SM | Simplex | 6 | 6 | ■ blue | OS1/OS2 | AP-SC6-LSSM-G | 30 |
| | | Duplex | 12 | 6 | ■ blue | OS1/OS2 | AP-SC6-LDSM-G | 32 |
| | MM | Simplex | 6 | 6 | ■ beige | OM1/OM2 | AP-SC6-LSMM-G | 33 |
| | | Duplex | 12 | 6 | ■ beige | OM1/OM2 | AP-SC6-LDMM-G | 35 |
| SC/APC | SM | Simplex | 6 | 6 | ■ green | OS1/OS2 | AP-SA6-LSSM-G | 36 |
| | | Duplex | 12 | 6 | ■ green | OS1/OS2 | AP-SA6-LDSM-G | 38 |
| SC 10G | MM | Simplex | 6 | 6 | ■ aqua | OM3/OM4 | AP-SC6-LSMX-G | 39 |
| | | Duplex | 12 | 6 | ■ aqua | OM3/OM4 | AP-SC6-LDMX-G | 41 |
| LC | SM | Duplex | 6 | 3 | ■ blue | OS1/OS2 | AP-LC3-LDSM-G | 51 |
| | | | 12 | 6 | ■ blue | OS1/OS2 | AP-LC6-LDSM-G | 52 |
| | | | 24 | 6 | ■ blue | OS1/OS2 | AP-LC6-LQSM-G | 54 |
| | MM | Duplex | 6 | 3 | ■ beige | OM1/OM2 | AP-LC3-LDMM-G | 56 |
| | | | 12 | 6 | ■ beige | OM1/OM2 | AP-LC6-LDMM-G | 57 |
| | | | 24 | 6 | ■ beige | OM1/OM2 | AP-LC6-LQMM-G | 59 |
| LC/APC | SM | Duplex | 6 | 3 | ■ green | OS1/OS2 | AP-LA3-LDSM-G | 61 |
| | | | 12 | 6 | ■ green | OS1/OS2 | AP-LA6-LDSM-G | 62 |
| | | | 24 | 6 | ■ green | OS1/OS2 | AP-LA6-LQSM-G | 64 |
| LC 10 GIG | MM | Duplex | 6 | 3 | ■ aqua | OM3/OM4 | AP-LC3-LDMX-G | 66 |
| | | | 12 | 6 | ■ aqua | OM3/OM4 | AP-LC6-LDMX-G | 67 |
| | | | 24 | 6 | ■ aqua | OM3/OM4 | AP-LC6-LQMX-G | 69 |
| CAT6 RJ-45 | - | Coupler | - | 4 | - | - | AP-RJCAT6-CP4-G | 90 |
| | | Punchdown | - | 4 | - | - | AP-RJCAT6-PD4-G | 91 |

Ordering Information (cont'd)

Fiber Pigtail Chart

Use the Pigtail Code to specify the desired 900µm Spiral Wrap Splice-on Fiber Pigtail to be included.

| 900µm Spiral Wrap Splice-on Pigtail | | | | Part Number | Pigtail Code | | |
|-------------------------------------|--------|--------|------------|--------------------|--------------------|----------------|----|
| Adapter | Mode | Fibers | Fiber Type | | | | |
| N/A | N/A | N/A | N/A | NONE | 00 | | |
| ST | SM | 6 | OS1/OS2 | RLH-06SMST-03M | 01 | | |
| | | 12 | OS1/OS2 | RLH-12SMST-03M | 02 | | |
| | MM | 6 | | OM1 | RLH-06MMST-03M | 06 | |
| | | | | OM2 | RLH-06M5ST-03M | 07 | |
| | | | | OM3 | RLH-06MXST-03M | 08 | |
| | | | | OM4 | RLH-06MCST-03M | 09 | |
| | | 12 | | OM1 | RLH-12MMST-03M | 12 | |
| | | | | OM2 | RLH-12M5ST-03M | 13 | |
| | | | | OM3 | RLH-12MXST-03M | 14 | |
| | | | | OM4 | RLH-12MCST-03M | 15 | |
| | FC | SM | 6 | OS1/OS2 | RLH-06SMFC-03M | 20 | |
| | | | 12 | OS1/OS2 | RLH-12SMFC-03M | 21 | |
| MM | | 6 | | OM1 | RLH-06MMFC-03M | 23 | |
| | | | | OM2 | RLH-06M5FC-03M | 24 | |
| | | | | OM3 | RLH-06MXFC-03M | 25 | |
| | | | | OM4 | RLH-06MCFC-03M | 26 | |
| | | 12 | | OM1 | RLH-12MMFC-03M | 28 | |
| | | | | OM2 | RLH-12M5FC-03M | 29 | |
| | | | | OM3 | RLH-12MXFC-03M | 30 | |
| | | | | OM4 | RLH-12MCFC-03M | 31 | |
| FC/APC | | SM | 6 | OS1/OS2 | RLH-06SMFA-03M | 33 | |
| | | | 12 | OS1/OS2 | RLH-12SMFA-03M | 34 | |
| SC | SM | 6 | OS1/OS2 | RLH-06SMSC-03M | 40 | | |
| | | 12 | OS1/OS2 | RLH-12SMSC-03M | 41 | | |
| | MM | 6 | | OM1 | RLH-06MMSC-03M | 43 | |
| | | | | OM2 | RLH-06M5SC-03M | 44 | |
| | | | | OM3 | RLH-06MXSC-03M | 45 | |
| | | | | OM4 | RLH-06MCSC-03M | 46 | |
| | | 12 | | OM1 | RLH-12MMSC-03M | 48 | |
| | | | | OM2 | RLH-12M5SC-03M | 49 | |
| | | | | OM3 | RLH-12MXSC-03M | 50 | |
| | | | | OM4 | RLH-12MCSC-03M | 51 | |
| | SC/APC | SM | 6 | OS1/OS2 | RLH-06SMSA-03M | 53 | |
| | | | 12 | OS1/OS2 | RLH-12SMSA-03M | 54 | |
| LC | SM | 6 | OS1/OS2 | RLH-06SMLC-03M | 60 | | |
| | | 12 | OS1/OS2 | RLH-12SMLC-03M | 61 | | |
| | | 24 | OS1/OS2 | RLH-12SMLC-03M (2) | 62 | | |
| | 6 | MM | | OM1 | RLH-06MMLC-03M | 63 | |
| | | | | OM2 | RLH-06M5LC-03M | 64 | |
| | | | | OM3 | RLH-06MXLC-03M | 65 | |
| | | | | OM4 | RLH-06MCLC-03M | 66 | |
| | | | 12 | | OM1 | RLH-12MMLC-03M | 68 |
| | | | | | OM2 | RLH-12M5LC-03M | 69 |
| | | OM3 | | RLH-12MXLC-03M | 70 | | |
| | | OM4 | | RLH-12MCLC-03M | 71 | | |
| | 24 | | OM1 | RLH-12MMLC-03M (2) | 73 | | |
| | | | OM2 | RLH-12M5LC-03M (2) | 74 | | |
| | | | OM3 | RLH-12MXLC-03M (2) | 75 | | |
| | | | OM4 | RLH-12MCLC-03M (2) | 76 | | |
| | | LC/APC | SM | 6 | OS1/OS2 | RLH-06SMLA-03M | 78 |
| | 12 | | | OS1/OS2 | RLH-12SMLA-03M | 79 | |
| | 24 | | | OS1/OS2 | RLH-12SMLA-03M (2) | 80 | |

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Key Specifications

| | | | | |
|------------------------|---|-----------------|------|-----------------------|
| Adapter Plates: | Holds 2 LGX® plates Up to 24 Fibers each plate *Ordered Separately | | | |
| Adapter Plates: | ST | Simplex | LC | Simplex, Duplex, Quad |
| | SC | Simplex, Duplex | MTRJ | Simplex |
| | SC/APC | Simplex, Duplex | FC | Simplex |
| Mounting Style: | Wall and DIN rail (DIN rail kit ordered separately or may be ordered preinstalled) | | | |
| Environmental: | Suitable for use indoors or within a weatherproof enclosure | | | |
| Construction: | Powder coated Aluminum Alloy, hinged door and plunger latches | | | |
| Accessory Kit: | Qty. 2 - 12 Position Adhesive Splice Holder Qty. 30 – Splice Sleeves Qty. 2 – Hook and Loop Velcro® wire management strap with adhesive base Qty. 3 – Cable ties Qty. 1 – Distribution chart label Qty. 3 – #10 x 3/4" Mounting screws and washers | | | |
| Dimensions: | 6.3" (W) x 2.9" (D) x 7.0" (H), (160mm x 74mm x 178mm) | | | |
| Compliance: | UL Listed, RoHS | | | |

Contact

| | | | |
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