



RLH Industries, Inc.

fiber**opti**clink.com

PRODUCT
DATA SHEET

DS-190 2025-05-02

FiberLink 1RU Rack Mount Fiber Patch Panel

PRFL1 Series

Slide out tray holds 3 LGX Compatible Fiber Adapter plates

The RLH FiberLink 1RU FiberLink patch panel is designed to provide a user friendly solution for fiber optic patching in a 19" equipment rack. Occupying just 1RU of rack space, It holds up to 3 LGX compatible fiber adapter plates and 3 fiber splice trays for a complete patching/splicing solution. It is ideal for use in a wide variety of environments including substations, equipment rooms, central offices, and outdoor enclosures.

FiberLink patch panels are constructed from powder coated steel, and feature a hinged door with large window, and generous rear access with a steel cover. The sliding tray has multiple stops for securing it in various positions, and cable access ports guide fiber in and out of the enclosure.

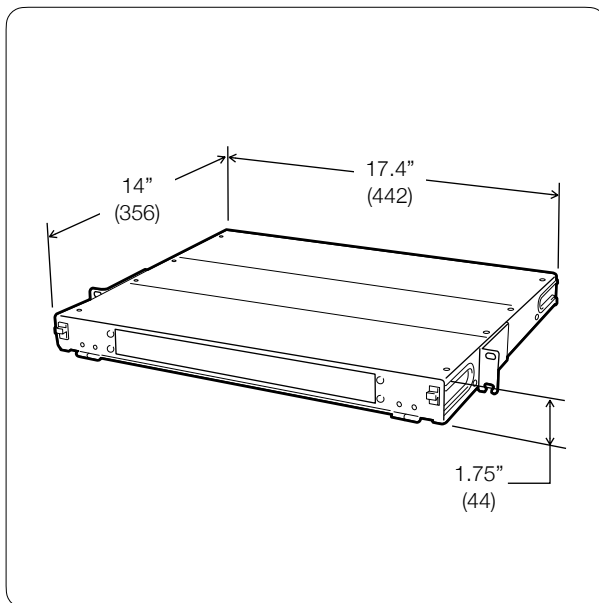
Fiber assemblies or pigtails can be custom ordered and pre-terminated into the patch panel for a complete turn-key solution. Adapter plates may be ordered separately.



FiberLink 1RU Rack Mount Patch Panel

Features

- Hinged door with viewing window
- Large rear cover allows full access to cable storage area
- 16 gauge powder coated steel housing
- Removable sliding tray with multiple stops
- Installer-friendly built-in cable management & splice tray storage
- Holds 3 adapter plates
- Holds 3 fiber splice trays
- Adjustable 19" rack ears, for front or center mounting
- Fiber identification labels included
- Includes accessory kit with mounting hardware
- Compatible with most LGX style adapter plates
- Available unloaded, or pre-loaded with splice trays, adapter plates, and fiber pigtails



Dimensions

Ordering Information - Patch Panel Only

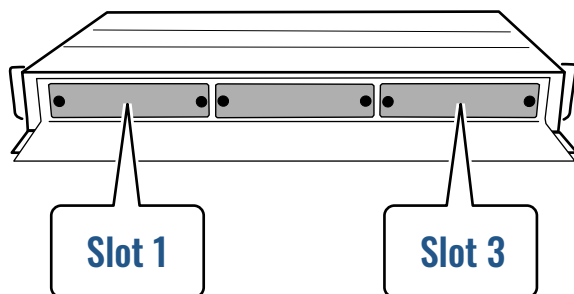
Description	Part Number
FiberLink 1RU Fiber Patch Pane, Rack Mount, 3 LGX Adapter Plate Capacity	PRFL1-1
Fiber Adapter Plates (black) and Splice-on Fiber Pigtails are ordered separately and may be preinstalled prior to shipping.	

Ordering Information - Pre-Loaded

Refer to the part number chart below

Ordering with Fiber Adapter Plates, Pigtails, and Splice Trays

Use the ordering code below to order the patch panel with fiber adapter plates and/or pigtails preinstalled, and Splice Trays. Refer to the Fiber Adapter Plate Chart and the Fiber Pigtail Chart on the following pages.



Part Number Example:

PRFL1 - 3 - 32 - 3 - 41 - 3 - 1

Quantity of Adapter Plates (3):	3
Adapter Plate Type (32):	AP-SC6-LDSM-B
Quantity of Fiber Pigtails (3):	3
Fiber Pigtail Type (41):	RLH-12SMSC-03M
Splice Trays (3):	3

PRFL1 - X - XX - X - XX - X - 1

Fiber Adapter Plate Quantity

Enter the quantity of fiber adapter plates required (0 to 3)

Fiber Adapter Plate Type

Use the code from the Adapter Plate Chart* to select the style of adapter plate

– Fiber Adapter Plates will be populated starting at slot 1 –

Splice Trays

Enter the quantity of trays required (0 to 3) for a maximum of 3 trays – **PN: RLH-FST-02**

Fiber Pigtail Type

Use the code from the Fiber Pigtail Chart* to select the style of fiber pigtail

Fiber Pigtail Quantity

Enter the quantity of fiber pigtails required (0 to 3)

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



Adapter Plate Chart

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

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



Fiber Pigtail Chart

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

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	6	OS1/OS2	RLH-06SMFC-03M	20
			OS1/OS2	RLH-12SMFC-03M	21
		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
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
	MM	6	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



General Specifications

Adapter Plates	LGX® compatible adapter plates, up to 24 fibers each plate Accommodates up to 3 adapter plates - refer to adapter plate chart
Splice Trays	24 Fiber Splice Tray (RLH-FST-02) Accommodates up to 3 trays
Mounting Style	EIA 19" Equipment Rack, 2 position rack ears for front or center mount
Construction	Powder Coated 16 gauge steel housing Removable sliding tray with multiple stops Hinged front door with finger latches and polycarbonate window Hinged rear door with finger latches Removable top access panels
Accessory Kit	Qty. 4: Cage nut mounting hardware sets Qty. 4: Laser warning label Qty. 4: Hook and loop cable ties Qty. 10: 6" white zip ties Qty. 1: Location label
Dimensions	17.4" (W) x 14" (D) x 1.75" (H), (442mm x 356mm x 44mm) *Not including rack ears

Contact

By Mail:	ATTN: Sales
	RLH Industries, Inc. 936 N. Main Street Orange, CA 92867
By Phone:	Local 714-532-1672
Sales/Service:	Toll Free 800-877-1672
By Email:	info@fiber optic link.com
By Fax:	714-532-1885

Support

By Email:	support@fiber optic link.com
By Phone:	Toll Free 855-754-2497