LightLink LANSystem 1RU Fiber Termination Patch/Splice Panel

The AFL 1RU Fiber Termination Patch/Splice Panel is designed for use as a rack mount interconnect point where termination and connectivity of up to 36 fibers is desired. The panel design is based on a 1 rack unit height and is provisioned with three LGX® 118 compatible mounting positions that can accommodate adapter plates, XFM® optical cassettes, passive optical modules or any combination therein.

Standard 1RU Fiber Termination Patch Panels are available empty for complete field configuration, half loaded with adapter plates, or stubbed with a factory installed circular premise cable (CPC) or loose tube cable assembly.
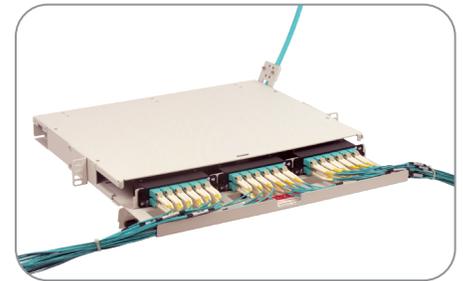
Standard 1RU Fiber Patch and Splice Panels are available empty for complete field configuration, half loaded with adapter plates and splice trays, or loaded with pigtails, adapter plates and splice trays.

Features

- Fits comfortably into new and existing interconnect, cross-connect, customer premise, and co-location environments
- Most common connector styles and types available
- Compatible with industry standard equipment frames
- Modular design
- Slide-out tray with relief cut-outs for simplified connector access
- Optional splice tray kit for on site conversion to patch and splice panel
- Optional front door key lock for heightened protection of internal components
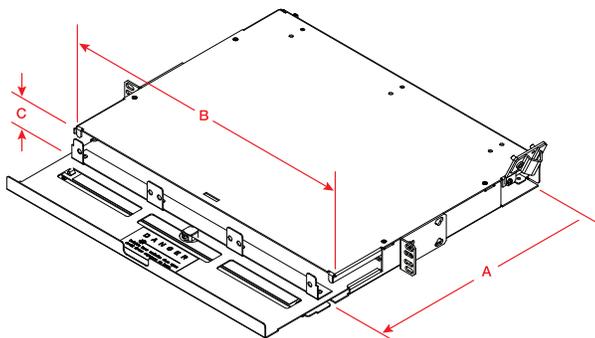
Applications

- Telecommunications closets
- Data Centers
- Customer Premise
- LAN / WAN Networks
- Central Offices / Headends
- Hubs / Cabinets / Remote Terminals
- FTTH / FTTB Networks

Dimensions

Depth (A) in inches	Width (B) in inches	Height (C) in inches	Rack Units	Capacity	Unloaded Weight
13.51	17.00	1.75	1	18 / 36	4 lbs.

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Telcordia is a registered trademark of Telcordia Technologies, Inc.

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AFLglobal.com
1 (800) 866-7385

LightLink LANSystem
1RU Fiber Termination Patch/Splice Panel

Ordering Information

Select the seven digit AFL panel part number, specify the color, and choose the loading character desired.

When ordering stubbed (S), enter the cable stub length required in meters.

Note: Standard stub is Circular Premise Cable (CPC).

Example: Order number for a black panel, loaded with 12 PSC adapters (2 six packs), connectors and a cable stub 10 meters in length: **FM001344-BL-0010**

AFL NO.	Color	Loading Character	Cable Stub Length (M)
FM001344 —	**B**	**S** —	**0010**

W = White
B = Black

E = Empty
H = Half-loaded with adapters
L = Loaded with adapters and pigtails (Patch and Splice only)
S = Preterminated with tight buffered CPC cable stub (Riser) (Patch only)
R = Preterminated with OSP loose tube cable stub (Patch only)

0002 = 2 meters
0004 = 4 meters
etc.

Ordering Information

Configuration	AFL No.
CON012P – 1RU Patch Panels – 12 Fibers – LGX118	
EMPTY	FM001038
12 PSC adapters (2 Six Packs)	FM001344
12 UST adapters (2 Six Packs)	FM001346
12 PST adapters (2 Six Packs)	FM001347
6 UDL (dup) adapters (2 Three Packs)	FM001353
6 PDL (dup) adapters (2 Three Packs)	FM001354
12 ASC adapters (2 Six Packs)	FM001352
12 USC adapters (2 Six Packs)	FM001351
CON024HD – 1RU High-Density Patch Panels – 24 Fibers – LGX118	
24 UST adapters (2 Twelve Packs)	FM001355
24 PST adapters (2 Twelve Packs)	FM001356
12 PDL (dup) adapters (2 Six Packs)	FM001348
12 USF (dup) adapters (2 Six Packs)	FM001357
12 ASF (dup) adapters (2 Six Packs)	FM001358

Configuration	AFL No.
CNS012P – 1RU Patch and Splice Panels – 12 Fibers – LGX118	
EMPTY	FM001328
12 PSC adapters (2 Six Packs), Splice Tray	FM001323
12 UST adapters (2 Six Packs), Splice Tray	FM001329
12 PST adapters (2 Six Packs), Splice Tray	FM001325
6 UDL (dup) adapters (2 Three Packs), Splice Tray	FM001334
6 PDL (dup) adapters (2 Three Packs), Splice Tray	FM001335
12 ASC adapters (2 Six Packs), Splice Tray	FM001333
12 USC adapters (2 Six Packs), Splice Tray	FM001332
CNS024HD – 1RU High-Density Patch and Splice – 24 Fibers – LGX118	
24 UST adapters (2 Twelve Packs), Splice Tray	FM001336
24 PST adapters (2 Twelve Packs), Splice Tray	FM001337
12 USF (dup) adapters (2 Six Packs), Splice Tray	FM001338
12 ASF (dup) adapters (2 Six Packs), Splice Tray	FM001339

Accessories

Description	AFL No.
Splice Tray Kit: Single Fusion, 12 fiber, 1RU Patch Panel Standard Density (1 splice tray)	FM002826-1
Splice Tray Kit: Single Fusion, 12 fiber, 1RU Patch Panel High Density (2 splice trays)	FM002826-2
Ribbon Splice Tray Kit: Mass Fusion, 12 fiber, 1RU Patch Panel Standard Density (1 splice tray)	FM002826-1R
Ribbon Splice Tray Kit: Mass Fusion, 12 fiber, 1RU Patch Panel High Density (2 splice trays)	FM002826-2R
Kit, Lock, for CON/CNS Panels	FM001318

Connector/Adapter Key

Type	Description
ASC	SC – Angle Polish, Simplex, SM
ASF	SC – Angle Polish, Duplex, SM
PSC	SC – Physical Polish, Simplex, MM
PSF	SC – Physical Polish, Duplex, MM
USC	SC – Ultra Polish, Simplex, SM
USF	SC – Ultra Polish, Duplex, SM
PST	ST – Physical Polish, Simplex, MM
UST	ST – Ultra Polish, Simplex, SM
ADL	LC – Angle Polish, Duplex, SM
PLC	LC – Physical Polish, Simplex, MM
PDL	LC – Physical Polish, Duplex, MM
ULC	LC – Ultra Polish, Simplex, SM
UDL	LC – Ultra Polish, Duplex, SM

Notes:
1) All MM cable is 62.5 μm unless otherwise specified.
2) When ordering Empty Termination Patch/Splice Panel, accessories are available for field configuration.

Qualifications

Governing Body	Standard Code
ASTM	ASTMB209
Telcordia	GR-63NEBS

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