

LightLink LANSystem

6RU Fiber Patch and Splice Panel

The AFL 6RU Fiber Patch and Splice Panel is designed for use as a rack mount interconnect point where termination and connectivity of up to 96 fibers is desired. The two panel design is based on a 6-rack unit height comprised of a 3RU Termination Patch Panel and a 3RU Optical Splice Shelf. The 3RU Termination Patch Panel is provisioned with nine LGX® 118 compatible mounting positions. The 3RU Optical Splice Shelf utilizes two STF-48 telescoping splice drawers.

Standard 6RU Fiber Patch and Splice Panels are available empty for complete field configuration, half loaded with adapter plates and STF-48 telescoping splice trays, or loaded with pigtails, adapter plates and STF-48 telescoping splice trays.



Specifications

- Designed around Telcordia® GR-63NEBS
- Aluminum construction per ASTM B209
- Durable textured powder coat finish available in black or white
- Universal 19/23" EIA/TIA rack compatibility
- Standard density: up to 48-fiber
- High density: up to 96-fiber
- Fiber storage capacity – one meter per spliced fiber (3 mm jacket)
- Uses two STF-48 telescoping splice drawers
- Two panel package – 3RU patch, 3RU splice
- Nine LGX 118 mm positions

Features

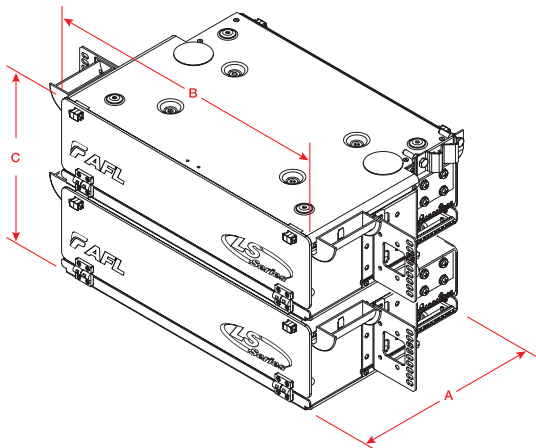
- Fits comfortably into new and existing interconnect, cross-connect, customer premise and co-location environments
- Most common connector styles and types available
- Compatible with industry standard equipment frames
- LGX-compatible master plate (118 mm)
- Modular design
- Compact and versatile method of organizing splicing and connectivity
- Provides maximum protection of optical 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	Fiber Capacity
11.00	17.00	10.5	6	48/96



LGX is a registered trademark of Furukawa Electric North America, Inc.

Telcordia is a registered trademark of Telcordia Technologies, Inc.

LightLink LANSystem 6RU Fiber Patch and Splice Panel

Ordering Information

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

AFL NO.	Color	Loading Character
C211552	B	S
	W = White B = Black	E = Empty H = Half-loaded with adapters L = Loaded with adapters and pigtails

Example: Order number for a panel Black in color, loaded with, master plate, adapter plates, 48 PSC adapters (8 Six packs), splice drawer (2-48 position), pigtails with connectors, hardware, cable clamp.

Empty - Includes master plate, mounting hardware, cable clamp.

Unloaded - Includes master plate, adapter plates, adapters, splice drawer (48 & up), hardware, cable clamp.

Loaded - Includes master plate, adapter plates, adapters, splice drawer (48 & up), pigtails with connectors, hardware, cable clamp.

Configuration Part Numbers

Configuration	AFL No.
CNS048P – 6RU Patch & Splice Panels (1 ea. 3U Patch, 3U Splice) – LGX118	
EMPTY	C211534
48 PSC adapters (8 Six Packs) Splice Drawer (2-48 position)	C211552
48 UST adapters (8 Six Packs) Splice Drawer (2-48 position)	C211579
48 PST adapters (8 Six Packs) Splice Drawer (2-48 position)	C211588
24 UDL (dup) adapters (8 Three Packs) Splice Drawer (2-48 position)	FM000234
24 PDL (dup) adapters (8 Three Packs) Splice Drawer (2-48 position)	FM000235
48 ASC adapters (8 Six Packs) Splice Drawer (2-48 position)	C210928
48 USC adapters (8 Six Packs) Splice Drawer (2-48 position)	C210922
24 PSF (dup) adapters (8 Three Packs) Splice Drawer (2-48 position)	FM000236
24 USF (dup) adapters (8 Three Packs) Splice Drawer (2-48 position)	FM000237
24 ASF (dup) adapters (8 Three Packs) Splice Drawer (2-48 position)	FM000238
CNS096HD – 6U High Density Patch & Splice Panels – LGX118	
96 UST adapters (8 Twelve Packs) Splice Drawer 2-48 position)	FM000240
96 PST adapters (8 Twelve Packs) Splice Drawer (2-48 position)	FM000241
48 UDL (dup) adapters (8 Six Packs) Splice Drawer (2-48 position)	C211594
48 PSF (dup) adapters (8 Six Packs) Splice Drawer (2-48 position)	C211558
48 PDL (dup) adapters (8 Six Packs) Splice Drawer (2-48 position)	C211601
48 USF (dup) adapters (8 Six Packs) Splice Drawer (2-48 position)	FM000242
48 ASF (dup) adapters (8 Six Packs) Splice Drawer (2-48 position)	FM000243

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

Accessories

Description	AFL No.
STF-48 Telescoping Splice Drawer	911442-00-00

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