LightLink LANSystem
7RU Fiber Patch and Splice Panel

The AFL 7RU Fiber Patch and Splice Panel is designed for use as a rack mount interconnect point where termination and connectivity of up to 144 fibers is desired. The two panel design is based on a 7 rack unit height comprised of a 4RU Termination Patch Panel and a 3RU Optical Splice Shelf. The 4RU Termination Patch Panel includes a master plate that is provisioned with 12 LGX® 118 compatible mounting positions. The 3RU Optical Splice Shelf utilizes three STF-48 telescoping splice drawers.

Standard 7RU 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 ASTMB209
- Durable textured powder coat finish available in black or white
- Universal 19/23" EIA/TIA rack compatibility
- Standard density: up to 72-fiber
- High density: up to 144-fiber
- Fiber storage capacity – one meter per spliced fiber (3 mm jacket)
- Uses three STF-48 telescoping splice drawers
- Two panel package – 4U patch and 3U splice
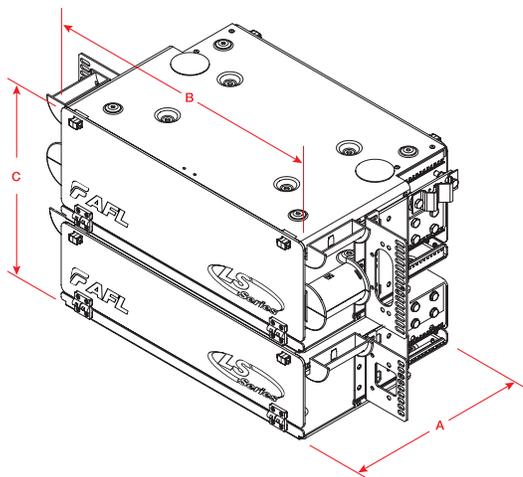- 12 LGX 118 mm positions

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 Office 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	12.25	7	72/144

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

Telcordia is a registered trademark of Telcordia Technologies, Inc.
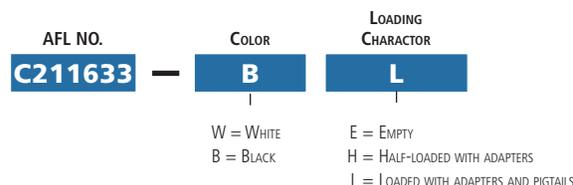
AFLglobal.com
1 (800) 866-7385

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Ordering Information

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

AFL NO.	COLOR	LOADING CHARACTER
C211633	B	L

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, 72 PSC adapters (12 Six packs), splice drawer (3-48 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.

Ordering Information

Configuration	AFL No.
CNS072P – 7U Patch & Splice Panels (1 ea. 4U Patch, 3U Splice) **– LGX118**	
EMPTY	C211615
72 PSC adapters (12 Six Packs) Splice Drawers (3-48 position)	C211633
72 UST adapters (12 Six Packs) Splice Drawers (3-48 position)	C211660
72 PST adapters (12 Six Packs) Splice Drawers (3-48 position)	C211669
36 UDL (dup) adapters (12 Three Packs) Splice Drawers (3-48 position)	FM000244
36 PDL (dup) adapters (12 Three Packs) Splice Drawers (3-48 position)	FM000245
72 ASC adapters (12 Six Packs) Splice Drawers (3-48 position)	C210958
72 USC adapters (12 Six Packs) Splice Drawers (3-48 position)	C210953
36 PSF (dup) adapters (12 Three Packs) Splice Drawers (3-48 position)	FM000246
36 USF (dup) adapters (12 Three Packs) Splice Drawers (3-48 position)	FM000247
36 ASF (dup) adapters (12 Three Packs) Splice Drawers (3-48 position)	FM000248
CNS096P – 7U Patch & Splice Panels (1 ea. 4U Patch, 3U Splice) **– LGX118**	
EMPTY	C210967
96 UST adapters (12 Eight Packs) Splice Drawers (2-48 position)	C210971
96 USC adapters (12 Eight Packs) Splice Drawers (2-48 position)	C210985
96 ASC adapters (12 Eight Packs) Splice Drawers (2-48 position)	C210989

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

Configuration	AFL No.
CNS144HD – 7RU High Density Patch Panels (1 ea. 4U Patch, 3U Splice) **– LGX118**	
72 UDL (dup) adapters (12 Six Packs) Splice Drawers (3-48 position)	C211673
72 PSF (dup) adapters (12 Six Packs) Splice Drawers (3-48 position)	C211637
72 PDL (dup) adapters (12 Six Packs) Splice Drawers (3-48 position)	C211684
72 USF (dup) adapters (12 Six Packs) Splice Drawers (3-48 position)	FM000250
72 ASF (dup) adapters (12 Six Packs) Splice Drawers (3-48 position)	FM000251
144 UST adapters (12 Twelve Packs)Splice Drawers (3-48 position)	FM000252
144 PST adapters (12 Twelve Packs)Splice Drawers (3-48 position)	FM000253
144 USC adapters (12 Twelve Packs)Splice Drawers (3-48 position)	FM000255
144 ASC adapters (12 Twelve Packs)Splice Drawers (3-48 position)	FM000256

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

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