

Flex Patch Panel

Sumitomo Electric Lightwave's Flex Patch Panels are flexible rack mounted termination units. These patch panels are compatible with any FOX Splice Cassette, LGX MPO Cassette, or Interconnect Panel and allow for sliding tray access from the front and rear. Available in standard 1RU, 2RU, 3RU, and 4RU sizes, with two additional extended versions for the 2RU and 4RU options. The Flex Patch Panels are a great fit for Air-Blown Fiber® bundles and tubes over a wide range of network installations and applications.



FT02RU6PX

FEATURES

- Front and Back Doors Removable for Unobstructed Access.
- Latches for Front and Back Door Tool-Less Operation.
- Sliding Tray from Front and Back for Easy Loading.
- LGX Compatible Faceplates for FOX Splice Cassettes, LGX MPO Cassettes, or Interconnect Panels.
- Durable Aluminum Frame.
- Rack Mounting Brackets Allows for Usage Of 19" or 23" Racks.
- Cable and Fiber Management Options Provided In Kitting:
 - Strain Relief Bracket
 - Splice Tray Holder
 - Hose Clamps
 - Cable Routing Rings
- Extended Versions Available In 2RU and 4RU Include an Extra 2.25" of Depth.

PATCH PANELS COMPARISON

	FLEX PATCH PANELS	PRECISIONFLEX® PATCH PANELS
Front Door Material	Solid Black	Clear
Removable Front Door	Yes	Yes
Removable Back Door	Yes	Yes
Front Sliding Tray	Yes	Yes
Rear Sliding Tray	Yes	Yes; Limited
PrecisionFlex® Slide-Out & Angle-Down Ability	No	Yes

QUICK SPECS

RACK UNITS	1RU, 2RU, 3RU, & 4RU
EXTENDED VERSIONS	2RU & 4RU
RACK SPACE	19" or 23"
MODULE TYPE	LGX

RACK UNIT	PORT CAPACITY
1RU	72 LC / 36 SC 1.75 x 17 x 14.75 in (44 x 432 x 375 mm)
2RU	144 LC / 72 SC 3.5 x 17 x 14.75 in (89 x 432 x 375 mm)
2RU EXTENDED	144 LC / 72 SC 3.5 x 17 x 14.75 in (89 x 432 x 375 mm)
3RU	216 LC / 108 SC 5.22 x 17 x 14.85 in (133 x 432 x 377 mm)
4RU	288 LC / 144 SC 7 x 17 x 14.75 in (178 x 432 x 375 mm)
4RU EXTENDED	288 LC / 144 SC 7 x 17 x 17 in (178 x 432 x 432 mm)

FLEX PATCH PANEL KITTING COMPONENTS

COMPONENTS	DESCRIPTION	1RU	2RU	3RU	4RU
Caution Label	Laser Caution Label	1	1	1	1
Large Screw, Mount Bracket to Enclosure	10-32 x 0.375 inch (10 mm) Long Pan Head Black Steel Screw; Used to Attach Mount Brackets to Patch Panel	6	6	12	12
Large Screw, Rack Mount	12-24 x 0.5 inch (13 mm) Long Pan Head Steel Screw; Used to Attach Enclosure to Rack	4	4	8	8
Small Rack Mounting Plate	Small Mounting Bracket Used to Attach Enclosure to Rack	2	2	—	—
Large Rack Mounting Plate	Large Mounting Bracket Used to Attach Enclosure to Rack	—	—	2	2
Small Screw, Semi-Circle	6-32 x 0.19 inch (5 mm) Long Pan Head Black Steel Screw; Used to Attach Semi-Circles to Patch Panel	4	4	4	4
Small Fiber Management Semi-Circle	Small Semi-Circle for Fiber Slack Management 4.5 in x 2.25 in x 0.84 in (114 mm x 57 mm x 21 mm)	4	4	—	—
Large Fiber Management Semi-Circle	Large Semi-Circle for Fiber Slack Management 4.5 in x 2.25 in x 1 in (114 mm x 57 mm x 25 mm)	—	—	4	4
Medium Tie Wraps	5.5 in x 0.14 in x 0.05 in (140 mm x 4 mm x 1 mm) Natural Nylon Tie Wrap; Used to Attach Cables Down at Rear of Shelf	6	6	6	6
Large Tie Wraps	7.4 in x 0.19 in x 0.05 in (188 mm x 5 mm x 1 mm) Natural Nylon Tie Wrap	4	4	4	4
Cable Routing Rings, Snap-In	1.35 in x 0.27 in x 1.35 in (34 mm x 34 mm x 7 mm) Natural Nylon; Used to Route Cables on Front of Tray	—	6	6	6
Hook & Loop Tie Wraps	8 in x 1 in (203 mm x 25 mm) Black Hook & Loop Tie Wrap	4	4	4	4
Splice Tray Holder, 2RU	Splice Tray Holder for 2RU	—	1	—	—
Splice Tray Holder, 3RU & 4RU	Splice Tray Holder for 3RU or 4RU	—	—	1	1
Strain Relief Bracket, Cable Entry	Strain Relief Bracket for Cable Entry	—	1	1	1
Short Screw, Strain Relief Bracket	8-32 x 0.375 inch (10 mm) Long Pan Head Screw, 18-8 Black Steel; Used to Strain Relief Bracket, Cable Entry	—	2	2	2
Hose Clamps	0.56 in x 26.99 in (14.3 mm x 27 mm) Hose Clamp	—	2	2	2
Port Identification Label	Port Identification Label	1	1	1	1

ORDERING INFORMATION

FLEX PATCH PANELS

PART NUMBER	PANEL SIZE	MODULE	MODULE CAP.	LC PORT CAP.	SC PORT CAP.	DIMENSIONS (W. X H. X D.)
FT01RU3P	1RU	LGX	3	72 LC	36 SC	1.75 x 17 x 14.75 in (44 x 432 x 375 mm)
FT02RU6P	2RU	LGX	6	144 LC	72 SC	3.5 x 17 x 14.75 in (89 x 432 x 375 mm)
FT02RU6PX	2RU	LGX	6	144 LC	72 SC	3.5 x 17 x 17 in (89 x 432 x 432 mm)
FT03RU9P	3RU	LGX	9	216 LC	108 SC	5.22 x 17 x 14.85 in (133 x 432 x 377 mm)
FT04RU12P	4RU	LGX	12	288 LC	144 SC	7 x 17 x 14.75 in (178 x 432 x 375 mm)
FT04RU12PX	4RU	LGX	12	288 LC	144 SC	7 x 17 x 17 in (178 x 432 x 432 mm)

FLUSH MOUNT KITS

PART NUMBER	DESCRIPTION	PANEL SIZE	COMPATIBLE ITEMS
FT0200FM	Extended mounting ears/brackets to position the front edge of panel flush with the front edge of the rack. No screws included. Flex Patch Panel kitting screws compatible.	2RU	FT02RU6P; FT02RU6PX
FT0304FM	Extended mounting ears/brackets to position the front edge of panel flush with the front edge of the rack. No screws included. Flex Patch Panel kitting screws compatible.	3RU; 4RU	FT03RU8P; FT04RU12P; FT04RU12PX

SPLICE TRAYS

PART NUMBER	SINGLE SPLICE CAP.	MASS SPLICE CAP.	TRAY/COVER MATERIAL	DIMENSIONS	COMPONENTS
FT24ST2	24f (24 x 1ct)	144f (12 x 12ct)	Aluminum/ Clear Plastic	0.31 x 5.25 x 8.85 in (8 x 133 x 222 mm)	8 - Tie Wraps; 1 - Mass Splice Chip; 2 - Single Splice Chips; 8 - Ribbon Splice Protector
ST-01	24f (24 x 1ct)	144f (12 x 12ct)	Aluminum	0.31 x 5.25 x 7 in (8 x 133 x 178 mm)	8 - Tie Wraps; 1 - Mass Splice Chip; 2 - Single Splice Chips; 8 - Ribbon Splice Protector

PRECISIONFLEX® LGX MPO CASSETTES

Instructions: Create a part number by using this character set and codes.

FT 11 - **MP** 22 3 **C** 444 - **L** 567 - 8

1 - FRONT CONNECTOR TYPE		2 - FRONT CONNECTOR COUNT		3 - FRONT CONNECTOR POLISH TYPE		4 - FIBER TYPE	
LC	LC Connector (Max. 24 Ports)	08	8 Connector Ports	U	UPC	OM1	OM1
SC	SC Connector (Max. 12 Ports)	12	12 Connector Ports	A	APC	OM4	OM4 (Compatible with OM2/3)
FC	FC Connector (Max. 12 Ports)	24	24 Connector Ports			OS1	OS1
ST	ST Connector (Max. 12 Ports)					OS2	OS2

5 - REAR MPO CONNECTOR COUNT		6 - MPO GENDER		7 - MPO CONFIGURATOR METHOD		8 - OTHER	
1	1 MPO	M	Male/Pinned	A	Method A	<i>(blank)</i>	Not Applicable
2	2 MPOs	F	Female/Unpinned	B	Method B	UNIV	Universal Mount
3	3 MPOs			C	Method C	GRN	Green Adapter
						RED	Red Adapter
						YEL	Yellow Adapter

PRECISIONFLEX® FOX SPLICE CASSETTES

Instructions: Create a part number by using this character set and codes.

FT 11 - **MP** 22 33 444 555 6666

1 - FRONT CONNECTOR TYPE		2 - HOUSING COLOR		3 - FIBER COUNT		4 - FIBER CONSTRUCTION		5 - FIBER TYPE		6 - SPECIAL	
LC	LC Connector	BK	Black	06	6 Fiber	RBN	Ribbon	OM1	OM1	<i>(blank)</i>	Not Applicable
SC	SC Connector			12	12 Fiber	TBF	Tight Buffer	OM4	OM4 (Compatible with OM2/3)	APFC	APC
ST	ST Connector			24	24 Fiber (LC Only)			OM5	OM5		
								OS2	OS2		

Kitting components with every unit comprised of fiber protection sleeves, splice sleeve holders, cable grommet, and more. (White housing color option available upon request.)

INTERCONNECT PANELS

Instructions: Create a part number by using this character set and codes.

FT1**P**223

1 - FACE CONNECTOR TYPE		2 - ADAPTER TYPE/PORT QUANTITY		3 - FIBER TYPE	
LC	LC Connector	6Q	6 Quad/24 Ports (LC Only)	A	SM APC, Green
SC	SC Connector	6D	6 Duplex/12 Ports	B	SM, Blue
FC	FC Connector	3D	3 Duplex/6 Ports	6	OM5, Lime Green
ST	ST Connector	6S	6 Simplex/6 Ports (SC Only)	7	OM3/4, Aqua
				8	OM2, Black
				9	OM1/2, Beige

Additional configurations available upon request.