

## PrecisionFlex® Pre-Terminated Patch Panels

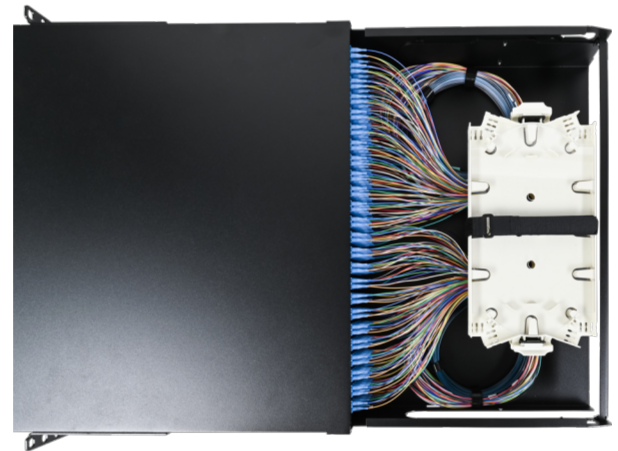
Sumitomo Electric Lightwave's PrecisionFlex® Pre-Terminated Patch Panels provide a simplified way to meet network interconnect needs while improving quality, saving labor cost, and reducing installation time. These patch panel solutions allow the customer to specify the fiber type, fiber quantity, panel connector type, and panel size. This selection is then factory assembled and tested in a clean factory environment and supplied ready for deployment in the customer's network. These solutions speed up installation times and are an ideal choice for data centers, enterprise networks, central offices, and anywhere interconnects are needed.

### BENEFITS

- Allows Easy Access to Splicing Area & Back of Bulkhead or Cassette
- Ready to Be Directly Spliced
- Secures Cables and Prevent Unwanted Dust
- Shuttered Adapters Reduce Time of Removing Dust Caps
- Saves Labor Costs by Ensuring Cleanliness and Reduced Storage and Logistics of Items
- Durable Frame Protects Fibers

### FEATURES

- PrecisionFlex® Slide-Out & Angle-Down Panel
- Pre-Installed Splice Trays & Pigtails
- Large and Non-abrasive Cable Entry Points
- Cable-Entry Housing Included
- Customizable Bulkhead with High-Density Option
- Factory Installed & Tested in a Clean Environment



### QUICK SPECS

FIBER  
CAPACITY

**24-864**

CONNECTOR  
TYPE

**MPO, LC,  
SC, ST**

RACK UNIT

**1-6RU**

FIBER TYPE

**SM, MM**

### APPLICATION

PrecisionFlex® Slide-Out & Angle-Down Panel



To learn more information visit [www.SumitomoElectricLightwave.com](http://www.SumitomoElectricLightwave.com)

## SINGLE-FIBER CONNECTOR CHARACTERISTICS

PROPERTY	SMF-UPC	SMF-APC	MMF
Polish Type	UPC	APC	UPC
Typical Insertion Loss	≤ 0.5 dB	≤ 0.5 dB	≤ 0.30 dB
Return Loss	≥ 50 dB	≥ 60 dB	≥ 25 dB
Operating Temperature	-4 to +158°F (-20 to +70°C)		

## BULKHEAD CAPACITY

RACK UNIT	LGX CAPACITY	VISUAL
1RU	72 LC Ports (36 SC Ports)	
2RU	144 LC Ports (72 SC Ports)	
3RU	216 LC Ports (108 SC Ports)	

RACK UNIT	LGX CAPACITY	VISUAL
4RU	288 LC Ports (144 SC Ports)	
6RU (3 x 2RU)	432 LC Ports (216 SC Ports)	

## KITTING COMPONENTS

COMPONENTS	DESCRIPTION	QTY.
Tie Wraps	Used To Attach Cables Down at Rear of Shelf	4
Caution Label	Laser Caution Label	1
Hook and Loop Strap	Hook and Loop Strap	1
½" Pan Head Screws	Screws for Rack Mount	6
Cable Management Clips	Used In Front for Cable Management	4
Cable Entry Port Cover	Cover for Unused Cable Entry Port with Matting Screws	1

## PHYSICAL CHARACTERISTICS

RACK UNIT	DIMENSIONS (W. X H. X D.)
1RU	1.75 x 17.6 x 16.75 in (45 x 447 x 425 mm)
2RU	3.5 x 17.6 x 16.75 in (89 x 447 x 425 mm)
3RU	5.25 x 17.6 x 16.75 in (133 x 447 x 425 mm)
4RU	7 x 17.6 x 16.75 in (178 x 447 x 425 mm)

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## ORDERING INFORMATION

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

Don't see the pre-terminated patch panel options you require?

Please contact Sumitomo Electric Lightwave Inside Sales at 800-358-7378 for assistance.

**FT - 1 222 X 34 X 55**

1 - FIBER TYPE		2 - FIBER COUNT		3 - FIBER CONSTRUCT		4 - PANEL CONNECTOR TYPE				5 - PANEL SIZE	
1	OM1	024	24f (MPO, LC, SC, ST)	I	900 µm	5	MPO (Male/Pinned), 12 Fiber, Low Loss	P	MTP (Male/Pinned), 24 Fiber, Std. Loss	1U	1RU
2	OM2	048	48f (MPO, LC, SC, ST)	W	250 µm	6	MPO (Male/Pinned), 12 Fiber, Std. Loss	3	MTP (Female/Unpinned), 24 Fiber, Low Loss	2U	2RU
3	OM3	072	72f (MPO, LC, SC, ST)	R	250 µm Flat Ribbon	7	MPO (Female/Unpinned), 12 Fiber, Low Loss	N	MTP (Female/Unpinned), 24 Fiber, Std. Loss	4U	4RU
4	OM4	096	96f (MPO, LC, SC, ST)	F	250 µm Freeform Ribbon™	8	MPO (Female/Unpinned), 12 Fiber, Std. Loss	L	LC, MM/SM, DX	6U	6RU (3 x 2RU's Combined)
9	SM (G.657.A1)	144	144f (MPO, LC, SC, ST)	Y	200 µm Freeform Ribbon™	9	MPO (Male/Pinned), 24 Fiber, Low Loss	Q	LC, MM/SM, SX		
		288	288f (MPO, LC, SC, ST)	X	Not Applicable	Z	MPO (Male/Pinned), 24 Fiber, Std. Loss	A	LC/APC, DX		
		432	432f (MPO, LC, SC, ST)			O	MPO (Female/Unpinned), 24 Fiber, Low Loss	E	LC/APC, SX		
		576	576f (MPO, LC)			W	MPO (Female/Unpinned), 24 Fiber, Std. Loss	V	SC, MM/SM, SX		
864	864f (MPO, LC)					1	MTP (Male/Pinned), 12 Fiber, Low Loss	H	SC/APC, SX		
						M	MTP (Male/Pinned), 12 Fiber, Std. Loss	F	FC, MM/SM		
						2	MTP (Female/Unpinned), 12 Fiber, Low Loss	C	FC/APC		
						Y	MTP (Female/Unpinned), 12 Fiber, Std. Loss	T	ST, MM/SM		
						4	MTP (Male/Pinned), 24 Fiber, Low Loss	X	Bare End (Open/Blunt)		

## ACCESSORIES

### Cable Entry Housing

PART NUMBER	RACK UNIT	CABLE RANGE	BRAIDED TUBES PER SET	COMPATIBLE PART NUMBER
FTK-0288	2RU	0.71-0.98 in (18-25 mm)	2	FT02L06; FT02H24; FT02L06ST; FT02H24ST
FTK-0576	3RU; 4RU	0.787-1.02 in (20-26 mm)	4	FT03L09; FT03H36; FT04L12; FT04H48; FT04L12ST; FT04H48ST
FTK-0576-2RU	2 x 2RU	0.875-1.26 in (22-32 mm)	4	FT02L06; FT02H24; FT02L06ST; FT02H24ST
FTK-0864	2 x 2RU	0.875-1.26 in (22-32 mm)	6	FT02L06; FT02H24; FT02L06ST; FT02H24ST

### Cable Entry Housing Bridges

PART NUMBER	DESCRIPTION	COMPATIBLE PART NUMBER
FTK-0864-SHORT-BRIDGE	A field-transition bridge that extends into another cable entry housing with rack units beneath.	FTK-0576-2RU; FTK-0864
FTK-0864-LONG-BRIDGE	A field-transition bridge that extends into another cable-entry housing with 1 rack separation.	FTK-0576-2RU; FTK-0864

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