

# PrecisionFlex<sup>®</sup> Patch Panel Product Family

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## FEATURES & BENEFITS

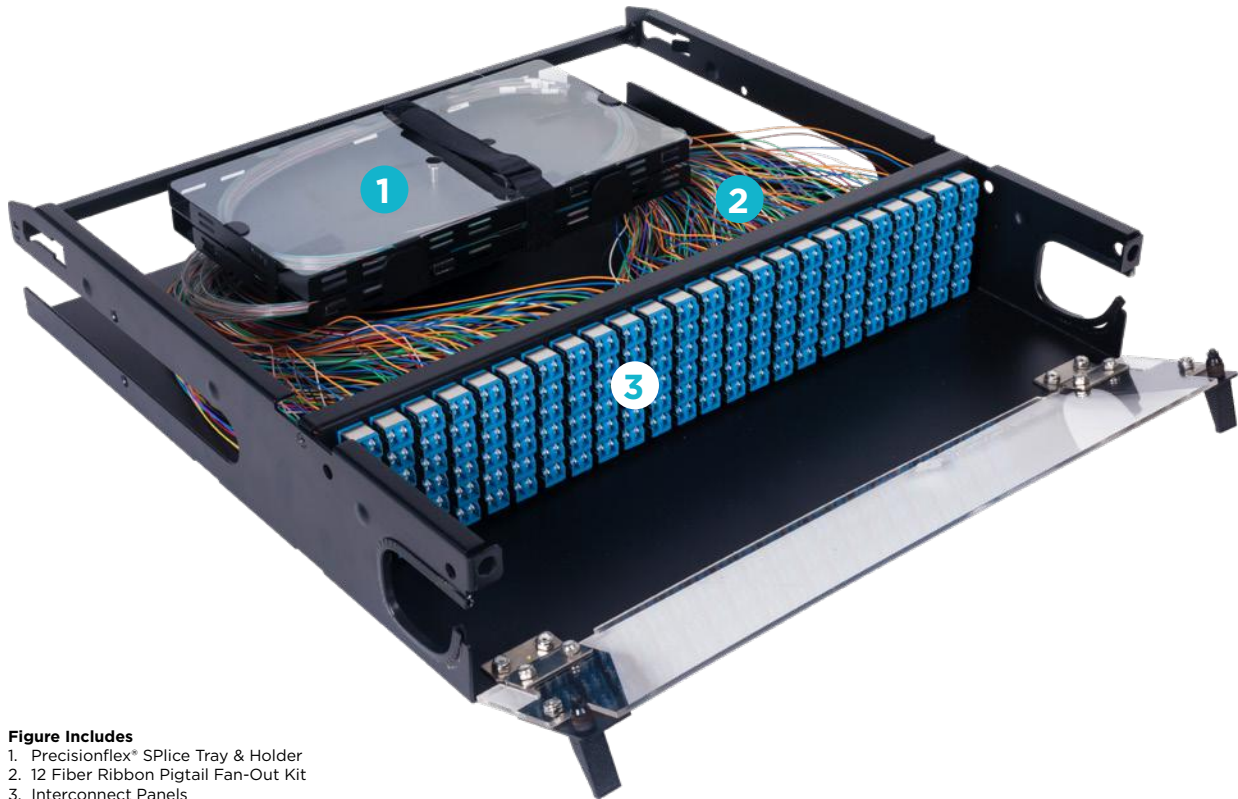
1. **Front Door** clear, easy to open & removable
2. **Cable Exit Points** large & nonabrasive
3. **Flexible Faceplate & Bracket Styles** in LGX or HD Density
4. **PrecisionFlex® Slide Out & Angle Down Panel** allowing for easy access to splicing area & back of bulkhead or cassette. Also with limited rear slide out.
5. **Rack Mounting Brackets** allows for versatile change in positions & usage of 19" or 23" racks
6. **Cable Entry Points** with optional cable entry housing for secure & safe cable entry
7. **Durable Frame**
8. **Back Door** developed for easy removable for further access

## PRECISIONFLEX® PATCH PANELS

The ability to have a variety of configuration options, a durable protected frame and density flexibility is most important for today's wide array of network requirements. Sumitomo Electric Lightwave understands this importance which led to the innovation of the PrecisionFlex® Patch Panels. A durable panel frame with the PrecisionFlex® slide out & angle down feature that provides great flexibility for today's diverse applications. Available in standard 1RU, 2RU, 3RU, & 4RU sizes with LGX or HD density options. The PrecisionFlex® Patch Panels are the precise fit for Sumitomo Electric Lightwave's data centers solutions.

# PRECISIONFLEX® EMPTY PATCH PANEL APPLICATION & RECOMMENDED USE

The PrecisionFlex® Empty Patch Panel has a combination of Sumitomo Electric Lightwave's products that can be used together based on your needs. The following are best suited options



**Figure Includes**  
1. Precisionflex® Splice Tray & Holder  
2. 12 Fiber Ribbon Pigtail Fan-Out Kit  
3. Interconnect Panels

## PRECISIONFLEX® SPLICING APPLICATION

### 1. PrecisionFlex® Splice Tray & Holders

- Flexibility of space for fibers & cords
- Splice Trays 12 x 12ct Ribbon Splices (144 Ribbons per Tray)
- Plenty of space for routing & organizing
- Provides fiber management

### 2. 12 Fiber Ribbon Pigtail Fan-Out Kit

- Easy to use & reduces splice time
- Available in Multimode & Single Mode; OM1, OM2/OM3, OM4, OM5, OS2
- Three Available Connector Types; LC, SC, ST

### 3. Interconnect Panels

- Compatible with any standard LGX bracket opening
- Available in Multimode & Single Mode; OM1, OM2/OM3, OM4, OM5, SM
- Multiple Colored Adapter Options Available
- Shutter adapters





**Figure Includes**  
 4. Fiber Optic Cable  
 5. PrecisionFlex® Cable Entry Housing  
 6. PrecisionFlex® FOX Splice Cassettes



**Figure Includes**  
 4. Fiber Optic Cable  
 5. PrecisionFlex® Cable Entry Housing  
 7. PrecisionFlex® HD Cassettes

## PRECISIONFLEX® CASSETTE OPTION

### 4. Fiber Optic Cable

- Legacy Flat Ribbon Cables; Pliable Freeform Ribbon® Cables; Loose Tube Cables

### 5. PrecisionFlex® Cable Entry Housing

- Options for 2RU, 4RU, 2x2RU, 3x2RU
- Helps station cables & reduces movement
- Prevents unwanted dust

### 6. PrecisionFlex® FOX Splice Cassettes & LGX Options
















- Eliminates the need for splice trays, fan-out kits, & interconnect panels
- Extremely Flexible Design
- Clear top to see all components inside
- LGX Footprint
- Applicable for patch panels; FT01L03, FT02L06, FT03L09, FT04L12, FT02L06ST, FT04L12ST

### 7. PrecisionFlex® HD Cassettes

- Eliminates the need for splice trays, fan-out kits, & interconnect panels
- Compact & Durable Frame
- Shuttered adapters keeps bulkhead ferule clean
- Quick Release tabs makes installation & removal easier
- Applicable for patch panels; FT01H08, FT02H24, FT02H24, FT04H48, FT02H24ST, FT04H48ST

# PRECISIONFLEX®

## Empty Patch Panel Kit Components

ITEM	DESCRIPTIONS	1RU	2RU	3RU	4RU	
<b>Caution Label</b>	Laser caution label	1	1	1	1	
<b>Large Screw, Rack Mount</b>	12-24 screw for rack mount	6	6	6	6	
<b>Small Screw, Faceplate/Strain Relief Bracket</b>	6-32 x 0.25" (6 mm) philips drive undercut flat head screw for faceplate/strain relief bracket	10	10	10	10	
<b>Small Screw, Semi-Circle</b>	6-32 x 0.38" (9.53 mm) philips drive undercut flat head screw for semi-circles	2	2	2	2	
<b>Small Nut, Semi-Circle</b>	6-32 nut for semi-circles	2	2	2	2	
<b>Small Fiber Management Semi-Circle</b>	Small semi-circle for fiber slack management	2	2			
<b>Large Fiber Management Semi-Circle</b>	Large semi-circle for fiber slack management			2	2	
<b>Tie Wraps</b>	Used to attach cables down at rear of shelf 5.75" x 0.14" (146 mm x 4 mm)	4	4	4	4	
<b>Adhesive Clips</b>	Used in front for cable management	4	4	4	4	
<b>Small Hook &amp; Loop Tie Wrap</b>	7" x 0.5" (178 mm x 13 mm) hook & loop tie wrap	2				
<b>Large Hook &amp; Loop Tie Wrap</b>	12" x 0.5" (305 mm x 13 mm) black hook & loop tie wrap	2	2	2	2	
<b>Splice Tray Holder, 2RU</b>	Splice tray holder for 2RU rack units		1			
<b>Splice Tray Holder, 3RU &amp; 4RU</b>	Splice tray holder for 3RU or 4RU rack units			1	1	
<b>Strain Relief Bracket, Cable Entry</b>	Strain relief bracket for cable entry		1	1	1	
<b>Short Screw, Strain Relief Bracket</b>	8-32 x 0.19" (5 mm) long pan head screw, 18-8 stainless steel. Used for strain relief bracket, cable entry		2	2	2	
<b>Hose Clamps</b>	9/16" to 1-1/16" (14.3 mm to 27 mm) hose clamp		2	2	2	
<b>Cover, 2RU Cable Entry Port</b>	Cover for 2RU unused cable entry port with matting screws		1			
<b>Cover, 4RU Cable Entry Port</b>	Cover for 4RU unused cable entry port with matting screws				1	
<b>Port Identification Label</b>	Port identification label	1				





## ORDERING INFORMATION

### Ordering Instructions

1. Fill out a number under quantity on the left column.
2. Take a copy or photo of each page.
3. Send to your preferred distributor & they should provide a quote.





### Empty LGX Patch Panels

Includes PrecisionFlex® Slide Out & Angle Down

QUANTITY	ITEM NUMBER	RACK UNIT	MODULE	CASSETTE PANEL CAP.	LC PORT CAP.	SC PORT CAP.	SPLICE TRAY CAP.	DIMENSIONS (MM)	
	<b>FT01L03</b>	1	LGX	3	72	36	1	425 x 447 x 45	
	<b>FT02L06</b>	2	LGX	6	144	72	2	425 x 447 x 89	
	<b>FT03L09</b>	3	LGX	9	216	108	3	425 x 447 x 133	
	<b>FT04L12</b>	4	LGX	12	288	144	4	425 x 447 x 178	



### Empty HD Patch Panels

Includes PrecisionFlex® Slide Out & Angle Down

QUANTITY	ITEM NUMBER	RACK UNIT	MODULE	CASSETTE PANEL CAP.	LC PORT CAP.	SC PORT CAP.	SPLICE TRAY CAP.	DIMENSIONS (MM)	
	<b>FT01H08</b>	1	HD	8	96	48	N/A	425 x 447 x 45	
	<b>FT02H24</b>	2	HD	24	288	144	N/A	425 x 447 x 89	
	<b>FT03H36</b>	3	HD	36	432	216	NA	425 x 447 x 133	
	<b>FT04H48</b>	4	HD	48	576	288	N/A	425 x 447 x 178	



### Empty Fixed LGX Patch Panels

Stationary Only, No PrecisionFlex® Slide Out & Angle Down included

QUANTITY	ITEM NUMBER	RACK UNIT	MODULE	CASSETTE PANEL CAP.	LC PORT CAP.	SC PORT CAP.	SPLICE TRAY CAP.	DIMENSIONS (MM)	
	<b>FT02L06ST</b>	2	LGX	6	144	72	2	425 x 447 x 89	
	<b>FT04L12ST</b>	4	LGX	12	288	144	4	425 x 447 x 178	





## Empty Fixed HD Patch Panels

Stationary Only, No PrecisionFlex® Slide Out & Angle Down included


QUANTITY	ITEM NUMBER	RACK UNIT	MODULE	CASSETTE PANEL CAP.	LC PORT CAP.	SC PORT CAP.	SPLICE TRAY CAP.	DIMENSIONS (MM)	
	<b>FT02H24ST</b>	2	HD	24	288	144	N/A	425 x 447 x 89	
	<b>FT04H48ST</b>	4	HD	48	576	288	N/A	425 x 447 x 178	

## Cable Entry Housing



Only Compatible with PrecisionFlex® Patch Panels

QUANTITY	ITEM NUMBER	RACK UNIT	CABLE RANGE	BRAIDED TUBES PER SET	
	<b>FTK-0288</b>	2RU	0.71-0.98 in (18-25 mm)	2	
	<b>FTK-0576</b>	3RU; 4RU	0.787-1.02 in (20-26 mm)	4	
	<b>FTK-0576-2RU</b>	2 x 2RU	0.875-1.26 in (22-32 mm)	4	
	<b>FTK-0864</b>	3 x 2RU	0.875-1.26 in (22-32 mm)	6	



## Cable Entry Housing Bridges

QUANTITY	ITEM NUMBER	DESCRIPTION	
	<b>FTK-0864-SHORT-BRIDGE</b>	A field transition bridge that extends into another cable entry housing with rack units beneath. Compatible with FTK-0576-2RU & FTK-0864.	
	<b>FTK-0864-LONG-BRIDGE</b>	A field transition bridge that extends into another cable entry housing with 1 rack units apart. Compatible with FTK-0576-2RU & FTK-0864.	

## Splice Tray & Holders

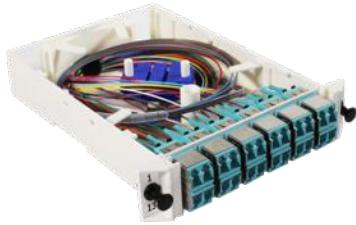
QUANTITY	ITEM NUMBER	ITEM NAME	DESCRIPTION & KIT CONTENTS	
	<b>FT-PFST-R</b>	PrecisionFlex® 144f Splice Tray	144 fiber Splice Tray for PrecisionFlex® Rack Mount Patch Panels, Holds up to 12 x 12 Ribbon Splices; 8 pieces of Hook & Loop Cable Tie; 1 Ribbon Fiber Holder Chip. Compatible with FT-PFST-1RU-Holder FT-PFST-2RU-Holder, FT-PFST-3-4RU-Holder.	
	<b>FT-PFST-1RU-Holder</b>	PrecisionFlex® Splice Tray 1RU Holder	PrecisionFlex® Splice Tray Holder with Strap for 1RU Panels. Compatible with FT-PFST-R (Capacity of 1), FT01L03, & FT02L06ST.	



QUANTITY	ITEM NUMBER	ITEM NAME	DESCRIPTION & KIT CONTENTS	
	<b>FT-PFST-2RU-Holder</b>	PrecisionFlex® Splice Tray 2RU Holder	PrecisionFlex® Splice Tray Holder with Strap for 2RU Panels. Compatible with FT-PFST-R (Capacity of 2) & FT02L06.	
	<b>FT-PFST-3-4RU-Holder</b>	PrecisionFlex® Splice Tray 3RU & 4RU Holder	PrecisionFlex® Splice Tray Holder with Strap for 3RU & 4RU Panels. Compatible with FT-PFST-R (3RU Capacity of 3, 4RU Capacity of 4), FT03L09, FT04L12 & FT04L12ST	

Instructions: Create A Part Number By Using The Character Sets & Codes

### FOX Splice Cassettes



QUANTITY	FT	1	1	-	FSP	2	2	-	3	3	3	-	4	4	4	-	5	5	5	5
	<b>1 - Front Connector Type</b>	<b>LC</b> - LC Connector <b>SC</b> - SC Connector <b>ST</b> - ST Connector	<b>2 - Fiber Count</b>	<b>06</b> - 6 Fiber <b>12</b> - 12 Fiber <b>24</b> - 24 Fiber	<b>3 - Fiber Construction</b>	<b>RBN</b> - Ribbon <b>TBF</b> - Tight Buffer	<b>4 - Fiber Type</b>	<b>OM1</b> - OM1 Fiber (50 μm) <b>OM4</b> - OM4 Fiber (50 μm) <b>OS2</b> - Single Mode Fiber (9 μm)	<b>5 - Special</b>	<b>Blank</b> - Not Applicable <b>APFC</b> - APC (Angle Polished Connector) <b>MP12</b> - 12 Fiber MPO <b>MP24</b> - 24 Fiber MPO										

### LGX Cassettes



QUANTITY	FT	1	1	-	MP	2	2	-	C	3	3	3	-	L	4	5	-	6
	<b>1 - Cassette Face Connectors</b>	<b>LC</b> - LC Connector (Max. 24 Ports) <b>SC</b> - SC Connector (Max. 12 Ports) <b>FC</b> - FC Connector (Max. 12 Ports) <b>ST</b> - ST Connector (Max. 6 Ports)	<b>2 - Cassette Face Connector Count</b>	<b>08</b> - 8 Connector Ports <b>12</b> - 12 Connector Ports <b>24</b> - 24 Connector Ports	<b>3 - Fiber Type</b>	<b>OM1</b> - OM1 Fiber (62.5 μm) <b>OM2</b> - OM2 Fiber (50 μm) <b>OM3</b> - OM3 Fiber (50 μm) <b>OM4</b> - OM4 Fiber (50 μm) <b>OS2</b> - Single Mode Fiber (9 μm)	<b>4 - Cassette Rear MPO Connector Count</b>	<b>1</b> - 1 MPO <b>2</b> - 2 MPO's <b>3</b> - 3 MPO's	<b>5 - Polish Type</b>	<b>Blank</b> - UPC (Ultra Physical Connector) <b>A</b> - APC (Angle Polished Connector)	<b>6 - MPO Configuration Method</b>	<b>Blank</b> - Method A <b>B</b> - Method B <b>C</b> - Method C						

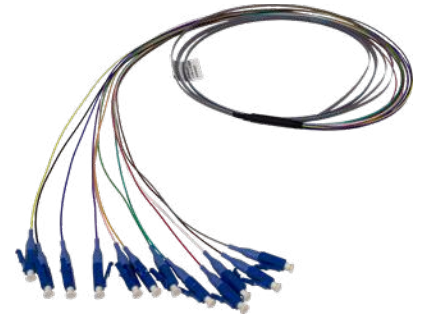
### HD Cassettes



QUANTITY	FT	1	1	-	MP12C	2	2	2	-	3	-	HD	-	4
	<b>1 - Cassette Face Connectors</b>	<b>LC</b> - LC Connector Ports (12 Ports) <b>SC</b> - SC Connector Ports (6 Ports)	<b>2 - Fiber Type</b>	<b>OM1</b> - OM1 Fiber (62.5 μm) <b>OM2</b> - OM2 Fiber (50 μm) <b>OM3</b> - OM3 Fiber (50 μm) <b>OM4</b> - OM4 Fiber (50 μm) <b>OS1</b> - Single Mode Fiber (9 μm)	<b>3 - Fiber Type</b>	<b>Blank</b> - UPC (Ultra-Physical Connector) <b>A</b> - APC (Angle Polished Connector)	<b>4 - MPO Configuration Method</b>	<b>A</b> - Method A <b>B</b> - Method B <b>C</b> - Method C						

# 12-FIBER RIBBON PIGTAIL FAN-OUT KITS

Instructions: Create A Part Number By Using The Character Sets & Codes



LENGTH SPECIFICATIONS		
Total Length	900 $\mu$ to Connector Length	Ribbon Fiber Length
3 m	0.7 m	2.3 m

Standard, Manufacturing Location USA

QUANTITY <input type="text"/> BOR - BR012 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - V		
<b>1 - Connector Type</b> LC - LC Connector SC - SC Connector	<b>2 - Polish Type</b> Blank - UPC (Ultra Physical Connector) A - APC (Angle Polished Connector)	<b>3 - Fiber Type</b> 6 - OM1 Fiber (62.5 $\mu$ m) 7 - OM3 Fiber (50 $\mu$ m) 8 - OM4 Fiber (50 $\mu$ m) D - OS2 Fiber (9 $\mu$ m)

Standard, Manufacturing Location Varies

QUANTITY <input type="text"/> BOR - BR012 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
<b>1 - Connector Type</b> LC - LC Connector SC - SC Connector	<b>2 - Polish Type</b> Blank - UPC (Ultra Physical Connector) A - APC (Angle Polished Connector)	<b>3 - Fiber Type</b> 6 - OM1 Fiber (62.5 $\mu$ m) 7 - OM3 Fiber (50 $\mu$ m) 8 - OM4 Fiber (50 $\mu$ m) D - OS2 Fiber (9 $\mu$ m)

## Additional Options

QUANTITY	ITEM NUMBER	CONNECTOR TYPE	FIBER TYPE	POLISH STYLE	TOTAL LENGTH	900 $\mu$ TO CONNECTOR LENGTH	RIBBON FIBER LENGTH	COUNTRY OF ORIGIN	SPECIAL
	<b>BOR-BR012LC2D-R</b>	LC	OS2	UPC	2 m	0.6 m	1.4 m	USA	Plenum Jacket
	<b>BOR-BR012SCU10-D-R</b>	SC	OS2	UPC	3 m	0.7 m	2.3 m	USA	Plenum Jacket
	<b>BOR-BR012SCA3D-R</b>	SC	OS2	APC	3 m	0.7 m	2.3 m	USA	Plenum Jacket
	<b>BOR-BR012LC2DL</b>	LC	OS2	UPC	2.3 m	0.3 m	2 m	USA	N/A
	<b>BOR-BR012LC19-V</b>	LC	OM5	UPC	1 m	0.3 m	0.7 m	Varies	N/A
	<b>BOR-BR012ST3D-V</b>	ST	OS2	UPC	3 m	0.7 m	2.3 m	Varies	N/A

# INTERCONNECT PANELS

Instructions: Create A Part Number By Using The Character Sets & Codes



## Standard

QUANTITY <input type="text"/>			FT <input type="text"/> <input type="text"/> <input type="text"/> P <input type="text"/> <input type="text"/> <input type="text"/>		
<b>1 – Front Connector Type</b> <b>LC</b> - Lucent Connector (LC) <b>SC</b> - Subscriber Connector (SC)	<b>2 – Port Quantity</b> <b>6Q</b> - 6 Quad Adapters (24 Ports) <b>6D</b> - 6 Duplex Adapters (12 Ports) <b>3D</b> - 3 Duplex Adapters (6 Ports) <b>6S</b> - 6 Simplex Adapters (6 Ports)	<b>3 – Fiber Type</b> <b>A</b> - SM-APC <b>B</b> - SM <b>7</b> - OM3/OM4 <b>9</b> - OM1/OM2			

## Additional Options

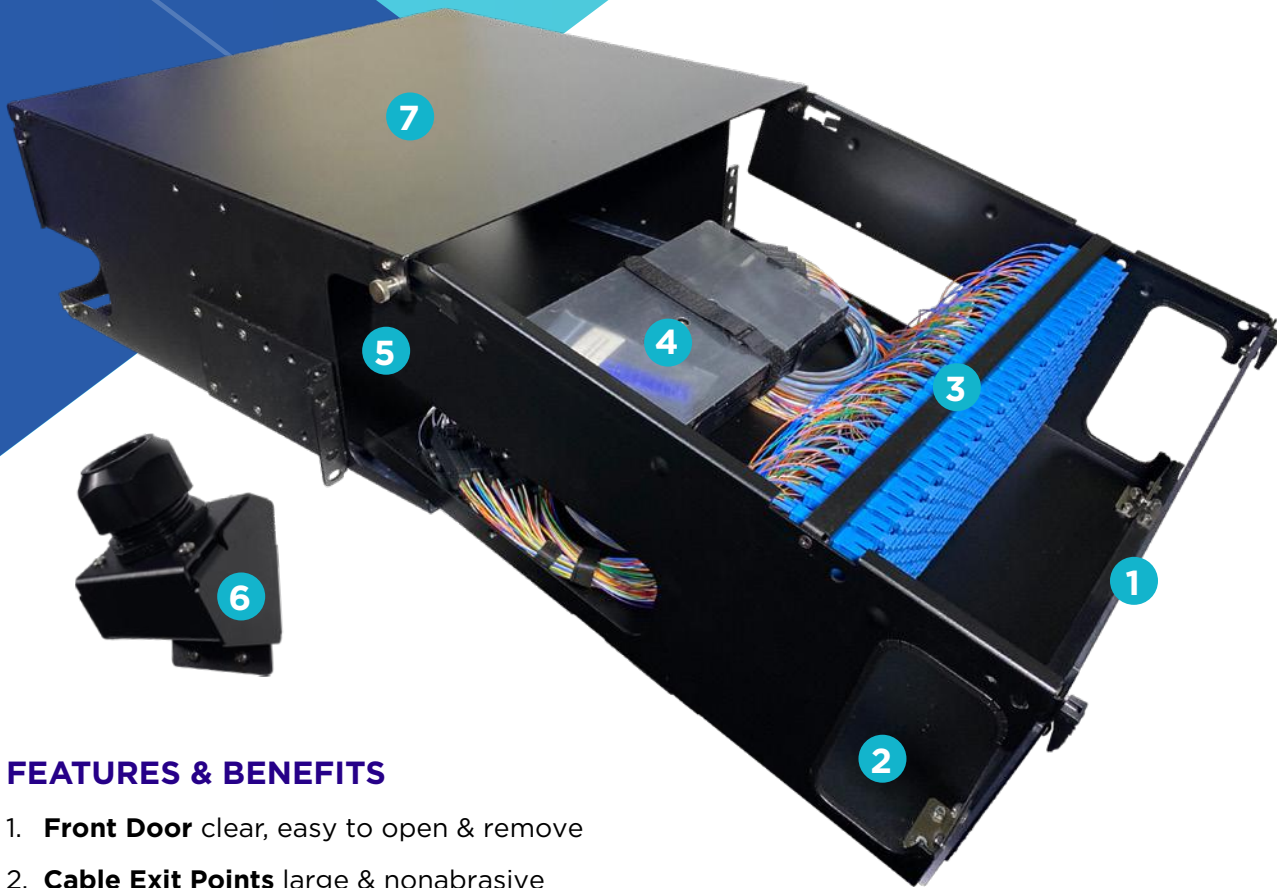
QUANTITY	ITEM NUMBER	FRONT CONNECTOR TYPE	FIBER TYPE	POLISH TYPE	ADAPTER TYPE	PORT QTY.	PORT COLOR
	<b>FTLCP12D7</b>	LC	OM3/OM4	UPC	12 Duplex	24	Aqua
	<b>FTFC12S5</b>	FC	SM/MM	UPC	12 Simplex	12	Metallic
	<b>FTFA12S2</b>	FC	SM	APC	12 Simplex	12	Metallic
	<b>FTFA06S2</b>	FC	SM	APC	6 Simplex	6	Metallic
	<b>FTFC06S5</b>	FC	SM/MM	UPC	6 Simplex	6	Metallic
	<b>FTST12S5</b>	ST	SM/MM	UPC	12 Simplex	12	Metallic
	<b>FTST06S5</b>	ST	SM/MM	UPC	6 Simplex	6	Metallic
	<b>FTMPP3SX</b>	MPO	MM	UPC	6 MPO	3	Black
	<b>FTMPP6SX</b>	MPO	MM	UPC	3 MPO	6	Black
	<b>FTLCP06D-EMPTY</b>	N/A	SM/MM	UPC	6 Duplex	0	Empty
	<b>FT204BP</b>	N/A	N/A	N/A	N/A	N/A	Black

## Additional Colored Options

QUANTITY	ITEM NUMBER	FRONT CONNECTOR TYPE	FIBER TYPE	POLISH TYPE	ADAPTER TYPE	PORT QTY.	PORT COLOR
	<b>FTLC06Q5LC</b>	LC	OM3/OM4	UPC	6 Quad	24	Orange
	<b>FTLC06Q6LC</b>	LC	OM3/OM4	UPC	6 Quad	24	Red
	<b>FTLC06Q7LC</b>	LC	OM3/OM4	UPC	6 Quad	24	Yellow
	<b>FTLCP12D-YORP</b>	LC	SM/MM	UPC	12 Duplex	24	Yellow, Orange, Red, Purple (3 Each)
	<b>FTLCP10D-YORPG</b>	LC	SM/MM	UPC	10 Duplex	20	Yellow, Orange, Red, Purple, Green (2 Each)
	<b>FTLCP08D-GREEN</b>	LC	SM	UPC	8 Duplex	16	Green
	<b>FTLCP08D-YORP</b>	LC	SM/MM	UPC	8 Duplex	16	Yellow, Orange, Red, Purple (2 Each)
	<b>FTLC06D6</b>	LC	OM3/OM4	UPC	6 Duplex	12	Red
	<b>FTLC06D7</b>	LC	OM3/OM4	UPC	6 Duplex	12	Yellow
	<b>FTLCP6DV</b>	LC	SM/MM	UPC	6 Duplex	12	Violet
	<b>FTSC06D4-YELLOW</b>	SC	OM3/OM4	UPC	6 Duplex	12	Yellow

QUANTITY	ITEM NUMBER	FRONT CONNECTOR TYPE	FIBER TYPE	POLISH TYPE	ADAPTER TYPE	PORT QTY.	PORT COLOR
	<b>FTSC06D1-ORYEL</b>	SC	SM/MM	UPC	6 Duplex	12	Yellow, Orange (6 Each)
	<b>FTSC06D1-RDPUR</b>	SC	SM/MM	UPC	6 Duplex	12	Red, Purple (6 Each)
	<b>FTSC06D1-GREEN</b>	SC	SM/MM	UPC	6 Duplex	4	Green (4), Empty

\*Additional Adapter Colors, Quantity & Type Available Upon Request



## FEATURES & BENEFITS







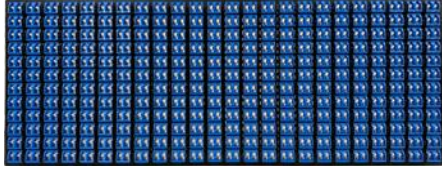
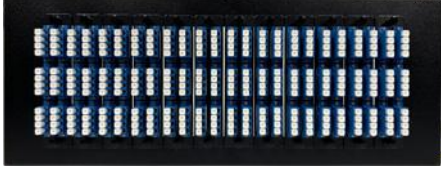
1. **Front Door** clear, easy to open & remove
2. **Cable Exit Points** large & nonabrasive
3. **Customizable Bulkhead** with the option of high density
4. **Splice Trays & Pigtail Fan-outs** ready for splicing
5. **PrecisionFlex® Slide Out & Angle Down Panel** allowing for easy access to splicing area & back of bulkhead. Also with limited rear slide out.
6. **Cable Entry Housing** provided to secure cables and preventing unwanted dust
7. **Durable Frame**
8. **Factory Installed & Tested in a Clean Environment** saving labor costs and ensuring cleanliness. Also reducing storage and logistics of items.

## 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 & 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 & anywhere interconnects are needed.



# BULKHEAD CAPACITY

RACK UNIT	HD (HIGH DENSITY) CAPACITY	LGX CAPACITY
1RU	 <p>144 LC Ports (N/A SC Ports)</p>	 <p>72 LC Ports (36 SC Ports)</p>
2RU	 <p>288 LC Ports (144 SC Ports)</p>	 <p>144 LC Ports (72 SC Ports)</p>
3RU	 <p>432 LC Ports (216 SC Ports)</p>	 <p>216 LC Ports (108 SC Ports)</p>
4RU	 <p>576 LC Ports (288 SC Ports)</p>	 <p>288 LC Ports (144 SC Ports)</p>

## ORDERING INFORMATION

### PrecisionFlex® Pre-Terminated Patch Panels



QUANTITY

FT -  1  2  2  2  XX  3  X  4  4

#### 1 - Fiber Type

- 1 - OM1 Fiber (62.5 μm)
- 2 - OM2 Fiber (50 μm)
- 3 - OM3 Fiber (50 μm)
- 4 - OM4 Fiber (50 μm)
- 8 - SM Fiber (9 μm, Bend Insensitive)
- 9 - SM Fiber (9 μm, Standard)

#### 2 - Fiber Count

- 024 - 24 Fibers (SC, ST & LC)
- 048 - 48 Fibers (SC, ST & LC)
- 072 - 72 Fibers (SC, ST & LC)
- 096 - 96 Fibers (SC, ST & LC)
- 144 - 144 Fibers (SC, ST & LC)
- 288 - 288 Fibers (SC, ST & LC)
- 423 - 432 Fibers (SC, ST & LC)
- 576 - 576 Fibers (LC Only)
- 864 - 864 Fibers (LC Only)

#### 3 - Panel Connector Type (Internal)

- N - MTP(F), 24F, STD LOSS
- 3 - MTP(F), 24F, LOW LOSS
- W - MPO(F), 24F, STD LOSS
- O - MPO(F), 24F, LOW LOSS
- P - MTP(M), 24F, STD LOSS
- 4 - MTP(M), 24F, LOW LOSS
- Z - MPO(M), 24F, STD LOSS
- 4 - MTP(M), 24F, LOW LOSS
- Y - MTP(F), 12 F, STD LOSS
- 2 - MTP(F), 12F, LOW LOSS
- 8 - MPO(F), 12F, STD LOSS
- 7 - MPO(F), 12F, LOW LOSS
- M - MTP(M), 12F, STD LOSS
- 1 - MTP(M), 12F, LOW LOSS
- 6 - MPO(M), 12F, STD LOSS
- 5 - MPO(M), 12F, LOW LOSS
- Q - LC, MM/SM, SX
- E - LC APC, SX
- V - SC, MM/SM, SX
- H - SC APC, SX
- F - FC, MM/SM
- C - FC APC
- T - ST, MM/SM
- X - Bare End (Open/Blunt)

#### 4 - Panel Size

- 1U - 1RU
- 2U - 2RU
- 3U - 3RU
- 4U - 4RU
- 6U - 6RU (3 x 2RU's Combined)



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