

PrecisionFlex® High Density MPO-LC Cassettes Panel

Panel and Cassette

Sumitomo Electric's PrecisionFlex MPO-LC Cassettes Panel enables high capacity fiber connection between, for example, servers and switches. The LC adapters accommodates 144C / 1RU high density connections while featuring a tilt-up mechanism that enhances the workability of connectors.

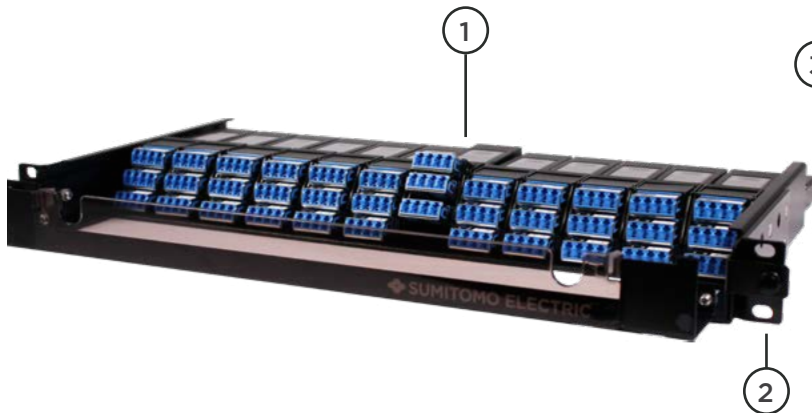


FEATURES

- The LC Adapters Feature a Tilt-Up Mechanism that Improves the Attachability/Detachability of the Connectors
- 19" Wide Conform to EIA-310 Racks
- 144-Fiber Connection per 1RU
- 12-Fiber (Quad LC x 3 Rows) Modular Cassette x 12pcs Horizontal Arrangements

MPO CASSETTE CHASSIS

Depth: 345mm when using slide storage
265mm without back panel



MPO CASSETTE

Converts 12-Fiber MPO Connectors to 12-Fiber LC Connectors.



1. Quad LC Adapter Housing
2. Slide Length: Max 170mm
3. 12-Fiber MPO Adapter (Internal MPO Connectors Have Pins)
4. Tilt-Up Mechanism

QUICK SPECS

144F

CONNECTION PER 1RU

SM, MM

FIBER TYPE

LC

FRONT CONNECTOR

12MPO

REAR CONNECTOR



PFCST-SM-1X12MPOM-LC-S

PROPERTY	DESCRIPTION
Fiber Count	12f
Fiber Type	SM (Compatible with OS1/OS2)
Insertion Loss *	≤ 0.65 dB
Return Loss	≥ 50 dB
Front Connector	LC
Rear Connector	12MPO

*λ=1310nm, against master plug

PFCST-MM-1X12MPOM-LC-S

PROPERTY	DESCRIPTION
Fiber Count	12f
Fiber Type	MM (Compatible with OM3/OM4)
Insertion Loss *	≤ 0.50 dB
Return Loss	≥ 25 dB
Front Connector	LC
Rear Connector	12MPO

PFCST-1U-S-RPS-BK

PROPERTY	DESCRIPTION
Chassis Type	Slide
Cassette Capacity	12
LC Connector Capacity	144
Size	1U
External Dimensions (W. X H. X D.)	19.4 x 1.7 x 13.6 in (494 x 44 x 345 mm)
Weight	4.8 lbs (2.2 kg)

PFCST-1U-F12-BK

PROPERTY	DESCRIPTION
Chassis Type	Fixed
Cassette Capacity	12
LC Connector Capacity	144
Size	1U
External Dimensions (W. X H. X D.)	19.1 x 1.7 x 6.6 in (485 x 43 x 168 mm)
Weight	2.6 lbs (1.2 kg)

KITTING COMPONENTS (Chassis Only)

COMPONENTS	PFCST-1U-S-RPS-BK CHASSIS (SLIDE TYPE)	PFCST-1U-F12-BK CHASSIS (FIXED TYPE)
MPO Cassette Mounting Chassis Body	1 SET	1 SET
Rack Mount Screw	4 PCS	4 PCS
Hook-and-Loop Fastener, 1m	1 ROLL	N/A

ORDERING INFORMATION

PRECISIONFLEX® 19 INCH RACK MOUNTED CASSETTE CHASSIS

PART NUMBER	SLIDE/FIX	CAPACITY OF CASSETTES	CAPACITY OF LC CONNECTORS	SIZE	EXTERNAL DIMENSIONS W X H X D (INCH/MM)	WEIGHT (LBS/KG)
PFCST-1U-S-RPS-BK	Slide	12	144	1U	19.4 x 1.7 x 13.6 in (494 x 44 x 345 mm)	4.8 lbs 2.2 kg
PFCST-1U-F12-BK	Fix	12	144	1U	19.1 x 1.7 x 6.6 in (485 x 43 x 168 mm)	2.6 lbs 1.2 kg

PRECISIONFLEX® MPO CASSETTE

PART NUMBER	FIBER COUNT	FIBER TYPE	FRONT CONNECTOR	REAR CONNECTOR	INSERTION LOSS (DB)	RETURN LOSS	EXTERNAL DIMENSIONS W X H X D (INCH/MM)	WEIGHT (LBS/KG)
PFCST-SM-1X12MPOM-LC-S	12f	SM (Compatible with OS1/OS2)	LC	12MPO	≤ 0.65 dB	≥ 50 dB	5.9 x 1.7 x 1.3 in (151 x 43 x 34 mm)	0.2 lbs 0.1 kg
PFCST-MM-1X12MPOM-LC-S	12f	MM (Compatible with OM3/OM4)	LC	12MPO	≤ 0.50 dB	≥ 25 dB	5.9 x 1.7 x 1.3 in (151 x 43 x 34 mm)	0.2 lbs 0.1 kg

*λ=1310nm, against master plug

To learn more information visit www.SumitomoElectricLightwave.com