

SWK™ FIBER PATCH PANELS

Today's connected network infrastructure faces unprecedented demands from cloud and hyperscale growth and their extraordinary connectivity requirements. Our revolutionary SWK™ cabling infrastructure products are designed specifically to provide high density and low loss connectivity, ease of installation and manageability, low-cost deployment and operations, and flexibility for growth and scale.



Flex Adapter

Provides additional cable bend radius.

Plug & Play

No splicing necessary.

Rapid Latch

No tools or hardware required.

BENEFITS

Designed from the ground up, our innovative line of patch panels allow for the highest density of connectivity in the smallest form factor, can be fitted with a variety of different connectivity types and feature two breakthrough Swick™ Designs technologies.

FEATURES

- Rack mount by hand with Rapid Latch™ – no tools or hardware required
- No keying necessary, thanks to the SWK™ Connector's QFP Feature
- Flex Adapter™ provides additional cable bend radius at the connector
- Universal Bulkhead Module (UBM) comes in a variety of connector types including SWK, LC, MPO and RJ45

QUICK SPECS

LC

CONNECTION TYPE

96-288

FIBER CAPACITY

1-2RU

RACK UNIT

Rapid

LATCHING

SPECIFICATIONS

PROPERTY	DESCRIPTION
Connector Type (Front Panel)	LC (UPC) MPO (APC)
Wave Length	1310/1550 nm
Optical Fiber Type	Single mode fiber
Insertion Loss	Max. 0.25dB (LC) Max. 0.35 dB (SWK, MPO)
Return Loss	Min. 55dB per each connection point

To learn more information visit www.SumitomoElectricLightwave.com

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	CABLE MEDIA TYPE	CABLE GRADE
SWK PATCH PANELS - PLUG-IN-PLAY			
SW-PP1-96SM-48LCUD-SWLM	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 48 x LC (front) - SWK 96f (rear)	SMF	N/A
SW-PP1-96SM-12MPM8-SWLM	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 12 x MPO8 Male (front) - SWK 96f (rear)	SMF	N/A
SW-PP1-144SM-18MPM8-SWLM	SWK Patch Panel, 1RU, 144f, Rapid Latch, Flex Adapter, 18 x MPO8 Male (front) - SWK 144f (rear)	SMF	N/A
SW-PP1-288SM-36MPM8-2SWLM	SWK Patch Panel, 1RU, 288f, Rapid Latch, Flex Adapter, 36 x MPO8 Male (front) - 2 x SWK 144f (rear)	SMF	N/A
SW-PP1-96SM-8MPM12-SWLM	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 8 x MPO12 Male (front) - SWK 96f (rear)	SMF	N/A
SW-PP1-144SM-12MPM12-SWLM	SWK Patch Panel, 1RU, 144f, Rapid Latch, Flex Adapter, 12 x MPO12 Male (front) - SWK 144f (rear)	SMF	N/A
SW-PP1-288SM-24MPM12-2SWLM	SWK Patch Panel, 1RU, 288f, Rapid Latch, Flex Adapter, 24 x MPO12 Male (front) - 2 x SWK 144f (rear)	SMF	N/A
SW-PP1F-96SM-48LCUD-SWLM	SWK Patch Panel, FAO, 1RU, 96f, Rapid Latch, Flex Adapter, 48 x LC (front) - SWK 96f (front)	SMF	N/A
SW-PP1F-96SM-12MPM8-SWLM	SWK Patch Panel, FAO, 1RU, 96f, Rapid Latch, Flex Adapter, 12 x MPO8 Male (front) - SWK 96f (front)	SMF	N/A
SW-PP1F-144SM-18MPM8-SWLM	SWK Patch Panel, FAO, 1RU, 96f, Rapid Latch, Flex Adapter, 18 x MPO8 Male (front) - SWK 144f (front)	SMF	N/A
SW-PP2-288SM-144LCUD-3SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 144 x LC (front) - 3 x SWK 96f (rear)	SMF	N/A
SW-PP2-288SM-36MPM8-3SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 36 x MPO8 Male (front) - 3 x SWK 96f (rear)	SMF	N/A
SW-PP2-288SM-24MPM12-3SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 24 x MPO12 Male (front) - 3 x SWK 96f (rear)	SMF	N/A
SW-PP2-288SM-144LCUD-2SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 144 x LC (front) - 2 x SWK 144f (rear)	SMF	N/A
SW-PP2-288SM-36MPM8-2SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 36 x MPO8 Male (front) - 2 x SWK 144f (rear)	SMF	N/A
SW-PP2-288SM-24MPM12-2SWLM	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 24 x MPO12 Male (front) - 2 x SWK 144f (rear)	SMF	N/A
SWK PATCH PANELS - PIGTAIL			
SW-PP1-96SM-48XLCUD-001M	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 48 x LC (front) - 8 x 12f Ribbon (rear), 1 meter	SMF	N/A
SW-PP1-96SM-12MPM8-001M	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 12 x MPO8 (front) - 8 x 12f Ribbon (rear), 1 meter	SMF	N/A
SW-PP1-96SM-8MPM12-001M	SWK Patch Panel, 1RU, 96f, Rapid Latch, Flex Adapter, 8 x MPO12 (rear) - 8 x 12f Ribbon (rear), 1 meter	SMF	N/A
SW-PP2-288SM-144LCUD-001M	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 144 x LC (front) - 12 x 12f Ribbon (rear), 1 meter	SMF	N/A
SW-PP2-288SM-36MPM8-001M	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 36 x MPO8 (front) - 12 x 12f Ribbon (rear), 1 meter	SMF	N/A
SW-PP2-288SM-24MPM12-001M	SWK Hyper Patch Panel, 2RU, 288f, Rapid Latch, 24 x MPO12 (front) - 12 x 12f Ribbon (rear), 1 meter	SMF	N/A

*The patch panel that converts a SWK™ 96-f connector (rear) to 48 LC connectors (front) was tested per IEC 61300-3-34 and IEC 61753-1 and resulted in low insertion losses (≤ 0.35 dB for the SWK™ 96-f connector and ≤ 0.25 dB for the LCs) for >97% of random mating samples for SMF. The return loss for the SWK™ Connector and LC connectors was > 55 dB.

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