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Opticom® Fiber Optic Patch Panels and Trays

PANDUIT®
SPECIFICATION SHEET

specifications

The rack mount fiber tray and fiber adapter patch panels shall house, organize, manage and protect fiber optic cable, splices, and connectors. Available in both flat and angled versions, patch panels shall accommodate all Panduit pre-terminated MPO cassettes, fiber adapter panels (FAP), associated trunk cables, connectors, patch cords, and shall include integral cable management. Fiber trays shall be constructed of steel material. Steel cover shall be removable for cabling and connector access during installation. Enclosure shall have multiple knockouts for a variety of trunk cable entry points.



technical information

Diemensions:	**CFAPPBL1:**	19.00"W × 1.72"H × 0.44"D (482.60mm × 43.7mm × 11.2mm)
	CFAPPBL1A:	19.00"W × 1.72"H × 4.16"D (482.60mm × 43.7mm × 105.5mm)
	CFAPPBL2:	19.00"W × 3.47"H × 0.44"D (482.60mm × 88.1mm × 11.2mm)
	CFAPPBL2A:	19.00"W × 3.47"H × 4.16"D (482.60mm × 88.1mm × 105.6mm)
	FMT1:	19.00"W × 1.72"H × 11.16"D (482.60mm × 43.7mm × 283.4mm)
	FMT1A:	19.00"W × 1.72"H × 11.16"D (482.60mm × 43.7mm × 283.4mm)
	FMT2:	19.00"W × 3.47"H × 11.16"D (482.60mm × 88.1mm × 283.4mm)
	FMT2A:	19.00"W × 3.47"H × 11.16"D (482.60mm × 88.1mm × 283.4mm)
Mounting:	Integral mounting flange for installation in 19" wide EIA-310 racks	
Accessories:	Mounting hardware and accessory kit with labels included	

key features and benefits

Works with all Panduit® Opticom® Fiber Optic Cassettes and Fiber Adapter Panels	Provides versatility and flexibility with a fully modular solution for a variety of pre-terminated installations, FAP and field termination, and splicing installations. Works with all Panduit LC, SC, ST and fiber adapter panels and cassettes
Provides higher patch field density in fewer rack units saving valuable space	Modular design mounts up to four Opticom® Cassettes or FAP's per RU and up to three Opticom® Cassettes per RU for the angled fiber optic trays
Angled design	Allows cable to flow to each side of the rack: patch cords can be routed directly into vertical cable managers
Fiber optic splice module	Can fusion splice up to 96 fibers per RU in a single enclosure with one-to-one splice-to-patching ratio
Side and rear cable entry	Provides installer with several options to route cable within the tray
Patch panel mounting	Hardware provided to allow patch panel to be pre-assembled before mounting to rack

applications

Opticom® Rack Mount Fiber Trays and Fiber Adapter Patch Panels provide a flexible and modular system for managing fiber termination, connections, and patching for all applications and offer the industry's highest patch field density and fiber counts for all fiber termination methods. Angled fiber optic patch panels facilitate proper bend radius of each patch cord as it is routed directly into a vertical cable manager, eliminating the need for horizontal cable managers. The high capacity, high-density solution maximizes rack space utilization and reduces floor space requirements for lower overall system costs.

Opticom® Rack Mount Fiber Adapter Patch Panel	
1 RU for 4 FAP's or cassettes:	CFAPPBL1
1 RU for 4 FAP's or cassettes, angled:	CFAPPBL1A
2 RU for 8 FAP's or cassettes:	CFAPPBL2
2 RU for 8 FAP's or cassettes, angled:	CFAPPBL2A
Opticom® Rack Mount Fiber Trays	
For use with CFAPPBL1:	FMT1
For use with CFAPPBL1A:	FMT1A
For use with CFAPPBL2:	FMT2
For use with CFAPPBL2A:	FMT2A
Opticom® Fiber Adapter Panels	
12 duplex LC:	FAP12WAQDLCZ
6 duplex LC:	FAP6WAQDLCZ
12 duplex LC:	FAP12WEIDLCZ
6 duplex LC:	FAP6WEIDLCZ
6 duplex SC:	FAP6WAQDSCZ
3 duplex SC:	FAP3WAQDSCZ
6 duplex SC:	FAP6WEIDSCZ
3 duplex SC:	FAP3WEIDSCZ
6 simplex ST:	FAP6WSTZ
Splice Modules	
Splice module (fusion):	FOSMF
Splice module (mechanical):	FOSMM

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Opticom® Fiber Optic Patch Panels and Trays

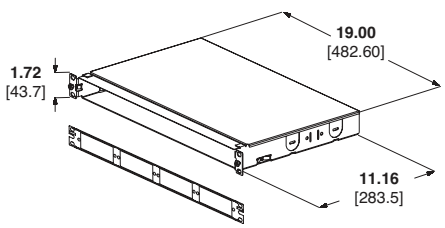
fiber capacities

Fiber Adapter Panel Type	Enclosure and Fiber Count			
	FMT1 (holds up to 4 FAPs)	FMT1A (holds up to 4 FAPs)	FMT2 (holds up to 8 FAPs)	FMT2A (holds up to 8 FAPs)
12 duplex LC adapters	96	96	192	192
8 duplex LC adapters	64	64	128	128
6 duplex LC adapters	48	48	96	96
6 duplex SC adapters	48	48	96	96
4 duplex SC adapters	32	32	64	64
3 duplex SC adapters	24	24	48	48
6 duplex ST adapters	24	24	48	48

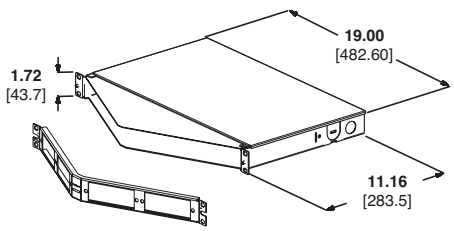
Opticom® Cassette Type	Enclosure and Fiber Count			
	FMT1 (holds up to 4 Cassettes)	FMT1A (holds up to 3 Cassettes)	FMT2 (holds up to 8 Cassettes)	FMT2A (holds up to 6 Cassettes)
12 duplex LC adapters to 2 MPO	96	72	192	144
6 duplex LC adapters to 1 MPO	48	36	96	72
6 duplex SC adapters to 1 MPO	48	36	96	72
3 duplex SC adapters to 1 MPO	24	18	48	36
6 simplex ST adapters to 1 MPO	24	18	48	36

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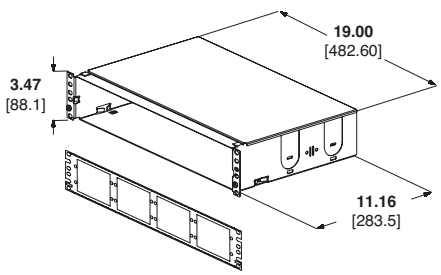
CFAPPBL1 with FMT1



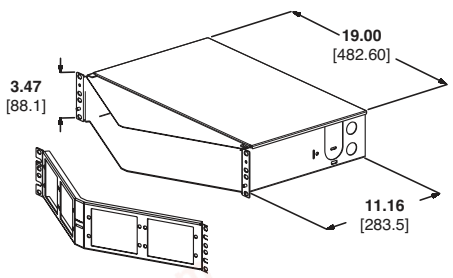
CFAPPBL1A with FMT1A



CFAPPBL2 with FMT2



CFAPPBL2A with FMT2A



Dimensions are in inches. [Dimensions in brackets are metric].

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PANDUIT US/CANADA
Phone: 800.777.3300

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7/2022