Opticom® Fiber Adapter Panels (FAPs)

PANDUIT®

specifications

Fiber adapter panels contain TIA/EIA-604 FOCIS compliant or compatible simplex or duplex fiber optic adapters and meet or exceed TIA/EIA-568-C.3 requirements. Fiber adapter panels include horizontal and vertical MPO adapters, LC, keyed LC, and SC fiber optic adapters. Fiber optic adapters include zirconia ceramic split sleeves to fit specific network requirements. LC and SC adapter housing colors follow the TIA/EIA-568-C.3 suggested color identification scheme. Multimedia modular panels allow customization of installation for applications requiring integration of fiber optic and copper cables. Blank fiber adapter panels reserve fiber adapter panel space for future use. All fiber adapter panels snap quickly into the front of fiber optic patch panels and enclosures for easy network deployment or moves, adds, and changes.

technical information

Standards requirements:	All adapters meet or exceed TIA/EIA-568-C.3 requirements MPO: TIA/EIA-604 FOCIS-5 compliant LC: TIA/EIA-604 FOCIS-10 compatible SC: TIA/EIA-604 FOCIS-3 compliant ST: TIA/EIA-604 FOCIS-2 compatible FC: TIA/EIA-604 FOCIS-4 compliant
Split sleeve material:	Zirconia ceramic: OM1/OM3/OM4/OM5 multimode adapters OS1/OS2 singlemode adapters
Insertion loss:	Supports the performance of connectors/patch cords
Return loss:	Supports singlemode (SPC and UPC) and multimode (PC) connector moves, adds, and changes polish performance

key features and benefits

Snap quickly into Opticom® Fiber Adapter Patch Panels and Enclosures	Assures flexibility and ease of network deployment and moves, adds, and changes
Adapters available separately, and in Mini-Com® Patch Panels and Modules, and Opticom® MPO Fiber Optic Cassettes	Provides a complete system solution for connectivity, such as horizontal and vertical MPO adapters, LC, Keyed LC, SC, and Mini-Com® Fiber Optic Adapter Modules
LC and SC adapter housing colors follow TIA/EIA-568-C.3 suggested identification color scheme	Easy identification of fiber type via adapter colors; visually compatible with patch cords and connectivity that also follows the color identification scheme
Available with adapters in multiple colors	Type A polarity incorporates a black MPO adapter housing with a key-up to key-down configuration. Type B polarity incorporates a charcoal gray MPO adapter housing with a key-up to key-up configuration

applications

Opticom® Fiber Optic Adapter Panels (FAPs) are used with Opticom® Rack and Wall Mount Enclosures, Fiber Adapter Patch Panels, and Opticom® Zero RU Fiber Adapter Panel Brackets to deploy medium to high-density fiber optic network applications as specified in the data center cabling standard TIA 942 for cross connects in main distribution, horizontal distribution, and equipment distribution areas. Opticom® Fiber Adapter Panels snap quickly into the patch panels and enclosures for easy network deployment or moves, adds, and changes. Opticom® Zero RU Fiber Adapter Panel Brackets mount directly to the rack to provide location, connection, and quick deployment of fiber adapter panels without taking any RU space. Multimedia modular panels also allow customization for installation requiring integration of fiber optic and copper cables. Blank fiber adapter panels reserve panel space for future use.

Opticom® Fiber Adapter Panels

Refer to next page for complete product listing.

Opticom® Rack Mount Fiber Cassette Enclosures

1 RU, holds 4 FAPs:	FCE1U
1 RU, open access, holds 4 FAPs:	FCE1UA
2 RU, holds 8 FAPs:	FCE2U
4 RU, holds 12 FAPs:	FCE4U

Opticom® Rack Mount Enclosures

1 RU, holds 3 FAPs:	FRME1U
2 RU, holds 6 FAPs:	FRME2U
4 RU, holds 12 FAPs:	FRME4

Opticom® Standard Rack Mount Trays and Fiber Adapter Patch Panels

1 RU, holds 4 FAPs with 1 RU std. panel:	FMT1 with CFAPPBL1
2 RU, holds 8 FAPs with 2 RU std. panel:	FMT2 with CFAPPBL2

Opticom® Angled Rack Mount Trays and Fiber Adapter Patch Panels

1 RU, holds 4 FAPs with 1 RU angled panel:	FMT1A with CFAPPBL1A
2 RU, holds 8 FAPs with 2 RU angled panel:	FMT2A with CFAPPBL2A

Opticom® Zero RU Fiber Adapter Panel Brackets

Angled, 90°, adhesive and magnetic mount:	FEABRUA
Std., screw mount:	FEABRU

Opticom® Fiber Adapter Panels (FAPs)

ordering information

Opticom® MPO Fiber Optic Adapter Panels (FAPs)					
Fiber Type	**Adapter Color**	**FAP Orientation**	**4 Adapters**	**6 Adapters**	**8 Adapters**
OM3/OM4, OM2, OM1 and OS1/OS2	Black	Horizontal	FAPH0412BLMPO	FAPH0612BLMPO	FAPH0812BLMPO
			12 Adapters	**16 Adapters**	**18 Adapters**
			FAPH1212BLMPO	FAPH1612BLMPO	FAPH1812BLMPO
		FAP Orientation	**4 Adapters**	**6 Adapters**	**8 Adapters**
		Vertical	FAPV0412BLMPO	FAPV0612BLMPO	FAPH0812BLMPO

LC Opticom® Fiber Adapter Panels (Duplex Adapters)					
Fiber Type	**Adapter Color**	**Split Sleeve(s)**	**6 Adapters**	**8 Adapters**	**12 Adapters**
OM1	Electric Ivory	Zirconia Ceramic	FAP6WEIDLCZ	—	FAP12WEIDLCZ
OM3/OM4	Aqua	Zirconia Ceramic	FAP6WAQDLCZ	FAP8WAQDLCZ	FAP12WAQDLCZ
OM5	Lime Green	Zirconia Ceramic	FAP6WWDLCZ	—	FAP12WWDLCZ
OS1/OS2	Blue	Zirconia Ceramic	FAP6WBUDLCZ	FAP8WBUDLCZ	FAP12WBUDLCZ
APC OS1/OS2	APC Green	Zirconia Ceramic	FAP6WAGDLCZ	—	FAP12WAGDLCZ

LC Opticom® Fiber Adapter Panels (Simplex Adapters)			
Fiber Type	**Adapter Color**	**Split Sleeve(s)**	**12 Adapters**
OM3/OM4	Aqua	Zirconia Ceramic	FAP12WAQLCZ
OS1/OS2	Blue	Zirconia Ceramic	FAP12WBULCZ

Keyed LC Opticom® Fiber Adapter Panels (Duplex Adapters)					
Fiber Type	**Key and Color**	**Split Sleeve(s)**	**6 Adapters**	**8 Adapters**	**12 Adapters**
All Fiber Types (OM3/OM4, OM1, and OS1/OS2)	A – Black	Zirconia Ceramic	FAP6WABLDLCZ	FAP8WABLDLCZ	FAP12WABLDLCZ
	B – Red		FAP6WBRDDLCZ	FAP8WBRDDLCZ	FAP12WBRDDLCZ
	C – Green		FAP6WCGRDLCZ	FAP8WCGRDLCZ	FAP12WCGRDLCZ
	D – Yellow		FAP6WDYLDLCZ	FAP8WDYLDLCZ	FAP12WDYLDLCZ
	E – Orange		FAP6WEORDLCZ	FAP8WEORDLCZ	FAP12WEORDLCZ
	F – Dark Blue		FAP6WFDBDLCZ	FAP8WFDBDLCZ	FAP12WFDBDLCZ
	G – Violet		FAP6WGVLDLCZ	FAP8WGVLDLCZ	FAP12WGVLDLCZ
	H – Aqua		FAP6WHAQDLCZ	FAP8WHAQDLCZ	FAP12WHAQDLCZ
	J – Rose		FAP6WJRODLCZ	FAP8WJRODLCZ	FAP12WJRODLCZ
	K – Slate		FAP6WKIGDLCZ	FAP8WKIGDLCZ	FAP12WKIGDLCZ
	L – Brown		FAP6WLLBDLCZ	FAP8WLLBDLCZ	FAP12WLLBDLCZ
	P – White		FAP6WPWTDLCZ	FAP8WPWTDLCZ	FAP12WPWTDLCZ

Opticom® Fiber Adapter Panels (FAPs)

ordering information

SC Opticom® Fiber Adapter Panels (Duplex Adapters)						
Fiber Type	Adapter Color	Split Sleeve(s)	2 Adapters	3 Adapters	4 Adapters	6 Adapters
OM1	Electric Ivory	Zirconia Ceramic	—	—	—	FAP6WEIDSCZ
OM3/OM4	Aqua		FAP2WAQDSCZ	FAP3WAQDSCZ	FAP4WAQDSCZ	FAP6WAQDSCZ
OS1/0S2	Blue		FAP2WBUDSCZ	FAP3WBUDSCZ	FAP4WBUDSCZ	FAP6WBUDSCZ
APC, OS1/OS2	APC Green		FAP2WAGDSCZ	FAP3WAGDSCZ	FAP4WAGDSCZ	FAP6WAGDSCZ

SC Opticom® Fiber Adapter Panels (Simplex Adapters)				
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters	12 Adapters
OM1	Electric Ivory	Zirconia Ceramic	FAP6WEISCZ	FAP12WEISCZ
OM3/OM4	Aqua		FAP6WAQSCZ	—
OS1/OS2	Blue		FAP6WBUSCZ	FAP12WBUSCZ
APC, OS1/OS2	APC Green		FAP6WAGSCZ	FAP12WAGSCZ

ST Opticom® Fiber Adapter Panels (Simplex Adapters)				
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters	12 Adapters
OM3/OM4, OS1/OS2	Plated	Zirconia Ceramic	FAP6WSTZ	FAP8WSTZ

Multimedia Modular Panel	Blank Panel
FMP6	FAPB

related products

Opticom® Rack Mount Fiber Trays

Opticom® Rack Mount Fiber Enclosures

Opticom® Rack Fiber Adapter Patch Panels

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