Opticom® Fiber Adapter Panels (FAPs)

PANDUIT®
SPECIFICATION SHEET

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 shall include horizontal MPO adapters, LC, Shuttered 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:	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/OM4/OM5 multimode adapters 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 MPO adapters, LC, Shuttered 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 (12 fiber) or red (24 fiber) 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 pace. 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
2 RU, holds 8 FAPs:	FCE2U
4 RU, holds 12 FAPs:	FCE4U
Opticom Rack Mount Enclosures	
1 RU, holds 4 FAPs:	FRE1UBL
2 RU, holds 8 FAPs:	FRE2UBL
4 RU, holds 16 FAPs:	FRE4UBL
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 Zero RU Fiber Adapter Panel Brackets	
Angled, 90°, adhesive and magnetic mount:	FEABRUA
Std., screw mount:	FEABRU

ORDERING INFORMATION

Opticom MPO Fiber Optic Adapter Panels (FAPs)

Fiber Type	Adapter Color	FAP Orientation	4 Adapters	6 Adapters	8 Adapters
OM1/OM4/OM5 and OS1/OS2	Black	Horizontal	FAPH04****MPO	FAPH06****MPO	FAPH08****MPO
			12 Adapters	**16 Adapters**	**18 Adapters**
			FAPH12****MPO	FAPH16****MPO	FAPH18****MPO

****Replace asterisks with **12BL** for 12 fiber Black - Method A MPOs, 12CG for 12 fiber Charcoal Gray – Method B MPOs, or **24RD** for 24 fiber Red – Method A MPOs

LC Opticom Fiber Adapter Panels (Duplex Adapters)

Fiber Type	Adapter Color	Split Sleeve(s)	3 Adapters	6 Adapters	8 Adapters	12 Adapters
OM1	Electric Ivory	Zirconia Ceramic	—	FAP6WEIDLCZ	—	FAP12WEIDLCZ
OM4	Aqua		FAP3WAQDLCZ	FAP6WAQDLCZ	FAP8WAQDLCZ	FAP12WAQDLCZ
OM5	Lime Green		—	FAP6WLMDLCZ	—	FAP12WLMDLCZ
OS2	Blue		FAP3WBUDLCZ	FAP6WBUDLCZ	FAP8WBUDLCZ	FAP12WBUDLCZ
APC/OS2	APC Green		—	FAP6WAGDLCZ	—	FAP12WAGDLCZ

LC Opticom Fiber Adapter Panels - Shuttered (Duplex Adapters)

Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters	12 Adapters
OM4	Aqua	Zirconia Ceramic	FAPS6WAQDLCZ	FAPS12WAQDLCZ
OM5	Lime Green		FAPS6WLMDLCZ	FAPS12WLMDLCZ
OS2	Blue		FAPS6WBUDLCZ	FAPS12WBUDLCZ
APC/OS2	APC Green		FAPS6WAGDLCZ	FAPS12WAGDLCZ

LC Opticom Fiber Adapter Panels (Simplex Adapters)

Fiber Type	Adapter Color	Split Sleeve(s)	12 Adapters
OM4	Aqua	Zirconia Ceramic	FAP12WAQLCZ
OS2	Blue		FAP12WBULCZ

Keyed and Colored Opticom Fiber Adapter Panels (Duplex Adapters)

Fiber Type	Key and Color	Split Sleeve(s)	6 Adapters	8 Adapters	12 Adapters	12 Adapters-Colored only (Non-keyed)
All Fiber Types (OM1, OM4, OM5 and OS2)	A – Black	Zirconia Ceramic	FAP6WABLDLCZ	FAP8WABLDLCZ	FAP12WABLDLCZ	FAP12WBLDLCZ
	B – Red		FAP6WBRDDLCZ	FAP8WBRDDLCZ	FAP12WBRDDLCZ	FAP12WRDDLCZ
	C – Green		FAP6WCGRDLCZ	FAP8WCGRDLCZ	FAP12WCGRDLCZ	FAP12WGRDLCZ
	D – Yellow		FAP6WDYLDLCZ	FAP8WDYLDLCZ	FAP12WDYLDLCZ	FAP12WYLDLCZ
	E – Orange		FAP6WEORDLCZ	FAP8WEORDLCZ	FAP12WEORDLCZ	FAP12WORDLCZ
	F – Dark Blue		FAP6WFDBDLCZ	FAP8WFDBDLCZ	FAP12WFDBDLCZ	FAP12WDBDLCZ
	G – Violet		FAP6WGVLDLCZ	FAP8WGVLDLCZ	FAP12WGVLDLCZ	FAP12WVLDLCZ
	H – Aqua		FAP6WHAQDLCZ	FAP8WHAQDLCZ	FAP12WHAQDLCZ	FAP12WAQDLCZ
	J – Rose		FAP6WJRODLCZ	FAP8WJRODLCZ	FAP12WJRODLCZ	FAP12WRODLCZ
	K – Slate		FAP6WKIGDLCZ	FAP8WKIGDLCZ	FAP12WKIGDLCZ	FAP12WIGDLCZ
	L – Brown		FAP6WLLBDLCZ	FAP8WLLBDLCZ	FAP12WLLBDLCZ	FAP12WLBDLCZ
	P – White		FAP6WPWTDLCZ	FAP8WPWTDLCZ	FAP12WPWTDLCZ	FAP12WWTDLCZ

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
OM4	Aqua		FAP2WAQDSCZ	FAP3WAQDSCZ	FAP4WAQDSCZ	FAP6WAQDSCZ
OS2	Blue		FAP2WBUDSCZ	FAP3WBUDSCZ	FAP4WBUDSCZ	FAP6WBUDSCZ
APC, 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
OM4	Aqua		FAP6WAQSCZ	—
OS2	Blue		FAP6WBUSCZ	FAP12WBUSCZ
APC, OS2	APC Green		FAP6WAGSCZ	FAP12WAGSCZ

ST Opticom Fiber Adapter Panels (Simplex Adapters)				
Fiber Type	**Adapter Color**	**Split Sleeve(s)**	**6 Adapters**	**8 Adapters**
All Fiber Types (OM1, OM4, OM5 and OS2)	Plated	Zirconia Ceramic	FAP6WSTZ	FAP8WSTZ

RELATED PRODUCTS



Opticom Rack Mount Fiber Trays



Opticom Rack Mount Fiber Enclosures



Opticom Rack Fiber Adapter Patch Panels

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