

Opticom™ Fiber Adapter Panels (FAPs)



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 include horizontal and vertical MPO adapters, LC, keyed LC, SC, ST, FC, MT-RJ or E-2000 fiber optic adapters. Fiber optic adapters include phosphor bronze or 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 compliant FC: TIA/EIA-604 FOCIS-4 compliant MT-RJ: TIA/EIA-604 FOCIS-12 compliant E-2000: TIA/EIA-604 FOCIS-16 compliant
Split sleeve material:	Zirconia ceramic: 10Gig™ OM3/OM4 multimode adapters OS1/OS2 singlemode adapters Phosphor bronze: OM1 and OM2 multimode adapters
Insertion loss:	Supports the performance of connectors/patch cords
Return loss:	Supports singlemode (SPC and UPC) and multimode (PC) connector 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, ST, FC, MT-RJ, E-2000 and Mini-Com® Fiber Optic Adapter Modules, copper jack modules and audio/video 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.

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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
- 3 RU, holds 9 FAPs: FRME3
- 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
		FAP Orientation	FAPH1212BLMPO	FAPH1612BLMPO	FAPH1812BLMPO
			Vertical	FAPV0412BLMPO	FAPV0612BLMPO
LC Opticom™ Fiber Adapter Panels (Duplex Adapters)					
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters	8 Adapters	12 Adapters
OM3/OM4	Aqua	Zirconia Ceramic	FAP6WAQDLCZ	FAP8WAQDLCZ	FAP12WAQDLCZ
		Phosphor Bronze	FAP6WAQDLC	FAP8WAQDLC	FAP12WAQDLC
OM2	Black	Phosphor Bronze	FAP6WBLDLC	FAP8WBLDLC	FAP12WBLDLC
OM1	Electric Ivory	Phosphor Bronze	FAP6WEIDLC	FAP8WEIDLC	FAP12WEIDLC
OS1/OS2	Blue	Zirconia Ceramic	FAP6WBUDLCZ	FAP8WBUDLCZ	FAP12WBUDLCZ
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, OM2, OM1 and OS1/OS2)	A - Black	Zirconia Ceramic	FAP6WABLDLCZ	FAP8WABLDLCZ	FAP12WABLDLCZ
	B - Red		FAP6WBRDDLDCZ	FAP8WBRDDLDCZ	FAP12WBRDDLDCZ
	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
	Q - Charcoal		FAP6WQCGDLCZ	FAP8WQCGDLCZ	FAP12WQCGDLCZ
	R - Lavender		FAP6WRLVDLCZ	FAP8WRLVDLCZ	FAP12WRLVDLCZ
	S - Peach		FAP6WSPEDLCZ	FAP8WSPEDLCZ	FAP12WSPEDLCZ
	T - Steel Blue		FAP6WTSBDLCZ	FAP8WTSBDLCZ	FAP12WTSBDLCZ
	V - Maroon		FAP6WVMADLCZ	FAP8WVMADLCZ	FAP12WVMADLCZ
W - Mint	FAP6WWWIDLCZ	FAP8WWWIDLCZ	FAP12WWWIDLCZ		

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SC Opticom® Fiber Adapter Panels (Duplex Adapters)						
Fiber Type	Adapter Color	Split Sleeve(s)	2 Adapters	3 Adapters	4 Adapters	6 Adapters
OM3/OM4	Aqua	Zirconia Ceramic	FAP2WAQDSCZ	FAP3WAQDSCZ	FAP4WAQDSCZ	FAP6WAQDSCZ
		Phosphor Bronze	FAP2WAQDSC	FAP3WAQDSC	FAP4WAQDSC	FAP6WAQDSC
OM2	Black	Phosphor Bronze	FAP2WBLDSC	FAP3WBLDSC	FAP4WBLDSC	FAP6WBLDSC
OM1	Electric Ivory	Phosphor Bronze	FAP2WEIDSC	FAP3WEIDSC	FAP4WEIDSC	FAP6WEIDSC
OS1/OS2	Blue	Zirconia Ceramic	FAP2WBUDSCZ	FAP3WBUDSCZ	FAP4WBUDSCZ	FAP6WBUDSCZ
APC, OS1/OS2	APC Green	Zirconia Ceramic	FAP2WAGDSCZ	FAP3WAGDSCZ	FAP4WAGDSCZ	FAP6WAGDSCZ
SC Opticom® Fiber Adapter Panels (Simplex Adapters)						
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters	12 Adapters		
OM3/OM4	Aqua	Phosphor Bronze	FAP6WAQSC	–		
OM3/OM4	Aqua	Zirconia Ceramic	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		
OM1, OM2		Phosphor Bronze	FAP6WST	FAP8WST		
FC Opticom® Fiber Adapter Panels (Simplex Adapters)						
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters			
OM3/OM4, OS1/OS2	Plated	Zirconia Ceramic	FAP6WFCZ			
OM1, OM2		Phosphor Bronze	FAP6WFC			
MT-RJ Opticom® Fiber Adapter Panels (Duplex Adapters)						
Fiber Type	Adapter Color	Split Sleeve(s)	6 Adapters			
OM3/OM4, OM2, OM1	Electric Ivory	N/A	FMP6WMTRJ			
	Black		FMP6WMTRJBL			
Multimedia Modular Panel			Blank Panel			
FMP6			FAPB			

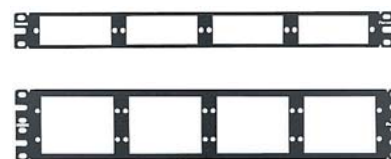
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Fiber Trays



Opticom™ Rack Mount
Fiber Enclosures



Opticom™ Fiber
Adapter Patch Panels

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