

Opticom® Fiber Adapter Panels (FAPs)

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	FAP6WEIDL CZ	—	FAP12WEIDL CZ
OM3/OM4	Aqua	Zirconia Ceramic	FAP6WAQDL CZ	FAP8WAQDL CZ	FAP12WAQDL CZ
OM5	Lime Green	Zirconia Ceramic	FAP6WWDL CZ	—	FAP12WWDL CZ
OS1/OS2	Blue	Zirconia Ceramic	FAP6WBUDL CZ	FAP8WBUDL CZ	FAP12WBUDL CZ
APC OS1/OS2	APC Green	Zirconia Ceramic	FAP6WAGDL CZ	—	FAP12WAGDL CZ
LC Opticom® Fiber Adapter Panels (Simplex Adapters)					
Fiber Type	Adapter Color	Split Sleeve(s)	12 Adapters		
OM3/OM4	Aqua	Zirconia Ceramic	FAP12WAQL CZ		
OS1/OS2	Blue	Zirconia Ceramic	FAP12WBUL CZ		
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	FAP6WABDL CZ	FAP8WABDL CZ	FAP12WABDL CZ
	B – Red		FAP6WBRDDL CZ	FAP8WBRDDL CZ	FAP12WBRDDL CZ
	C – Green		FAP6WCGRDL CZ	FAP8WCGRDL CZ	FAP12WCGRDL CZ
	D – Yellow		FAP6WDYLDL CZ	FAP8WDYLDL CZ	FAP12WDYLDL CZ
	E – Orange		FAP6WEORDL CZ	FAP8WEORDL CZ	FAP12WEORDL CZ
	F – Dark Blue		FAP6WFDBDL CZ	FAP8WFDBDL CZ	FAP12WFDBDL CZ
	G – Violet		FAP6WGVLDL CZ	FAP8WGVLDL CZ	FAP12WGVLDL CZ
	H – Aqua		FAP6WHAQDL CZ	FAP8WHAQDL CZ	FAP12WHAQDL CZ
	J – Rose		FAP6WJRODL CZ	FAP8WJRODL CZ	FAP12WJRODL CZ
	K – Slate		FAP6WKIGDL CZ	FAP8WKIGDL CZ	FAP12WKIGDL CZ
	L – Brown		FAP6WLLBDL CZ	FAP8WLLBDL CZ	FAP12WLLBDL CZ
	P – White		FAP6WPWTDL CZ	FAP8WPWTDL CZ	FAP12WPWTDL CZ

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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/OS2	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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