

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 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 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

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

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 |
| 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 | — | FAP6WEIDLZ | — | FAP12WEIDLZ |
| OM4 | Aqua | | FAP3WAQDLCZ | FAP6WAQDLCZ | FAP8WAQDLCZ | FAP12WAQDLCZ |
| OM5 | Lime Green | | — | FAP6WLM DLCZ | — | FAP12WLM DLCZ |
| 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 | | FAPS6WLM DLCZ | | FAPS12WLM DLCZ | |
| 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 | | FAP6WBRDDLZ | FAP8WBRDDLZ | FAP12WBRDDLZ | FAP12WRDDLZ |
| | C - Green | | FAP6WCGRDLZ | FAP8WCGRDLZ | FAP12WCGRDLZ | FAP12WGRDLZ |
| | D - Yellow | | FAP6WDYLDLCZ | FAP8WDYLDLCZ | FAP12WDYLDLCZ | FAP12WYLDLCZ |
| | E - Orange | | FAP6WEORDLCZ | FAP8WEORDLCZ | FAP12WEORDLCZ | FAP12WORDLCZ |
| | F - Dark Blue | | FAP6WFDBDLZ | FAP8WFDBDLZ | FAP12WFDBDLZ | FAP12WDBDLZ |
| | G - Violet | | FAP6WGVLDLCZ | FAP8WGVLDLCZ | FAP12WGVLDLCZ | FAP12WVLDLCZ |
| | H - Aqua | | FAP6WHAQDLCZ | FAP8WHAQDLCZ | FAP12WHAQDLCZ | FAP12WAQDLCZ |
| | J - Rose | | FAP6WJRODLZ | FAP8WJRODLZ | FAP12WJRODLZ | FAP12WRODLZ |
| | K - Slate | | FAP6WKIGDLZ | FAP8WKIGDLZ | FAP12WKIGDLZ | FAP12WIGDLZ |
| | L - Brown | | FAP6WLLBDLCZ | FAP8WLLBDLCZ | FAP12WLLBDLCZ | FAP12WLBDCZ |
| | P - White | | FAP6WPWTDLCZ | FAP8WPWTDLCZ | FAP12WPWTDLCZ | FAP12WWTDLCZ |

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 |
| 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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