Fiber Optic Modular Patch Panel

Features

- Very high density, supports up to 24 duplex LC adapters (48 fibers), MT-RJ adapters (48 fibers) and simplex SC adapters (24 fibers) in 1U of rack space
- Pullout drawer enables ease of access to the fiber
- Wide range of fiber optic cabling management accessories, including fiber management clip, splice cassettes, cable grounding kits, cable entry gland and more
- Single-Mode and Multi-Mode adapter available
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Large work area for comfortable installation
- Rear cable entry cutouts including one cable entry gland
- Unused adapter ports are covered by port caps

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Description

The F/O Modular Panel offers the option of using SC simplex, LC duplex or MT-RJ adapters (with SC Simplex footprint). The user can decide whether to insert all the adapters or to use only the required number. A panel with all the adapters can serve as MT-RJ 48 Panel, LC 48 Panel or SC 24 Panel.

A moving tray provides built-in cable management by holding and arranging the cables. This drawer mechanism enables easy access to the rear of the panel and eliminates the need for removing the panel above.

Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection. Cable strain relief is provided by using cable-ties on the exterior of the panel, by means of rear cable entry cutouts, as well as in the interior of the panel, by means of strain relief saddles. Grounding points are provided on the rear of the panel, which, in conjunction with the optional F/O Cable Ground Kit, allow grounding of armored fiber optic cables.

The panel includes four fiber management clips, one cable entry gland and twenty-four port caps.
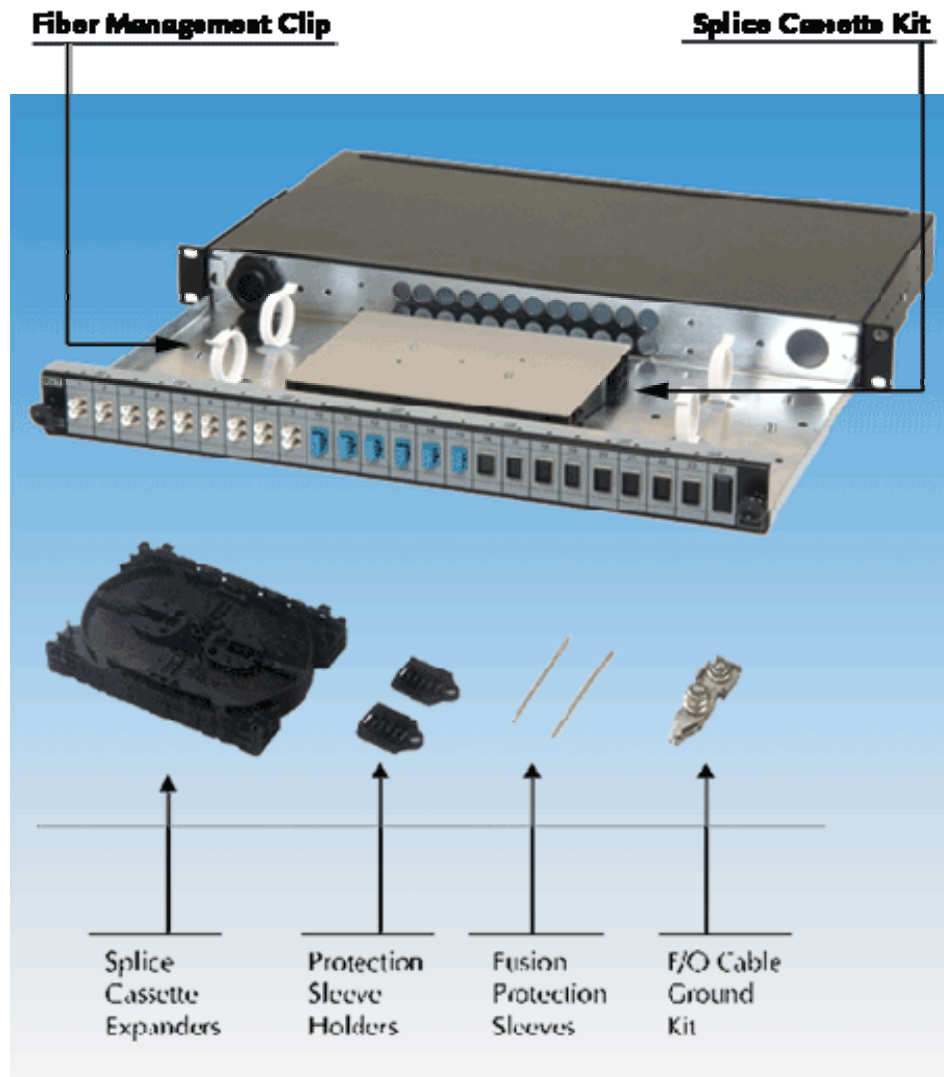
Accessories

The F/O Modular Patch Panel offers a complete line of accessories to secure, organize and protect fusion spliced fibers; including splice cassette kits, splice cassette expanders, fusion protection sleeves and protection sleeve holders. The stackable splice cassettes hold up to two protection sleeve holders each, for a total of 16 fibers per cassette.

Additional accessories are available to optimize cable protection and storage. Fiber management clip may be added to provide orderly excess cable storage, while maintaining minimum bend radius. Fully customizable cable entry glands may be assembled over the rear and side cable entry cutouts to further enhance cable strain relief. When using armored cables, the F/O Cable Ground Kit can be attached to grounding points on the rear of the panel.

Fiber Optic Modular Patch Panel

Description

Fiber Optic Modular Panel with Optional Accessories

Fiber Optic Modular Patch Panel
Specifications

Interface

Adapter	Max Number of Adapters	Max Number of Fibers
LC Duplex	24	48
MT-RJ	24	48
SC Simplex	24	24

- **Cable Entry, Routing and Clamping**
  Two rear and two side cable entry cutouts are provided for cable entry including one cable entry gland. The cable- ties are attached through round holes located adjacent to the cable entry cutouts. Strain relief saddles provide cable strain relief within the panel.

- **Provisions for Fusion Splice Storage and Organization**
  Various accessories, including splice cassettes, fusion protection sleeves, protection sleeve holders, etc., may be ordered separately.

- **Provisions for Excess Cable Storage**
  Four fiber management clips are included as accessories to provide orderly excess cable storage while maintaining minimum bend radius.

- **Provisions for Armored Cable Grounding**
  The optional F/O Cable Ground Kit may be used in conjunction with the two grounding points provided on the rear of the panel

General

- **Physical**

Height	43.7 mm / 1.72" (1U)
Width	482.6 mm / 19" (adjustable to 23")
Depth	240 mm / 9.5" (face to rear)
Weight	3.7 kg (8.2 lb)

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Fiber Optic Modular Patch Panel

Specifications

- **Material**
  Steel

- **Colors**
  Black with gray silk-screened markings

- **Environment**

Operating Temperature	-10 - 60°C
Storage Temperature	-40 - 85°C
Humidity	0-90%, non-condensing