Compact Fiber Optic Patch Panel

Features & Benefits

» Compact size perfect for limited space enclosures

» UL Listed 1863

» Versatile surface or DIN-Rail mount capability

» Slide-hinged faceplate aids field termination

» Patch or fusion splice field termination standard

» Rugged metal construction with lifetime warranty

Product Description

Compact DIN-Rail or surface mount fiber optic patch panel. Compact size allows minimum space requirements within control cabinetry. Device includes a splice tray to allow fusion splicing of field cabling (pigtails sold separately). Device features a sliding faceplate with capture mechanism to allow patch panel to be kept open "hands-free".

Product Variants

	Part Number	External Interface	Internal Interface	Supported Cable Types
Multimode	12ST-MM	6ea. ST duplex connectors.	6ea. ST duplex connectors.	OM1, OM2, OM3, OM4
	12ST-SC-MM	6ea. ST duplex connectors.	6ea. SC duplex connectors.	OM1, OM2, OM3, OM4
	12SC-MM	6ea. SC duplex connectors.	6ea. SC duplex connectors.	OM1, OM2, OM3, OM4
	24LC-MM	6ea. LC quad connectors.	6ea. LC quad connectors.	OM1, OM2, OM3, OM4
Singlemode	12ST-SM	6ea. ST duplex connectors.	6ea. ST duplex connectors.	OS1, OS2
	12ST-SC-SM	6ea. ST duplex connectors.	6ea. SC duplex connectors.	OS1, OS2
	12SC-SM	6ea. SC duplex connectors.	6ea. SC duplex connectors.	OS1, OS2
	24LC-SM	6ea. LC quad connectors.	6ea. LC quad connectors.	OS1, OS2

Custom fiber optic adapter variations are available via special order. Contact us.

Specifications

Standards: UL Listed 1863 (Communications-Circuit Accessories), CE
Operating temperature: -40°C to 75°C
Storage/transport temperature: -40°C to 80°C
Relative humidity (non-condensing)**:** 10% to 95%
Insertion Loss: ≤.3dB (Multimode), ≤.2dB (Singlemode)
Plug/Unplug Durability: 1000 times

Mechanical Construction

Dimensions with adapters installed: (H x D x W) 6.25" x 5.125" x 2.75"
Mounting Options: Rear DIN-Rail, side DIN-Rail or surface mount
Weight: 1.5 lbs.
Protection class: IP20

Materials of Construction

Patch panel body and faceplate: 18 gauge powder-coat painted steel
Fiber optic adapters: UL 90 V-0 Thermoplastic
Cable Glands: Plastic with max. cable diameter of 12mm (14mm max. also available)

Scope of Delivery and Accessories

Scope of delivery: Patch panel, DIN-Rail mounting adapter, 2ea. cable glands.

Front View
Rear View
1.125" (28.6 mm)
4" (101.6 mm)
1.125" (28.6 mm)
Width - 2.75" (69.9 mm)
Height - 6.25" (158.8 mm)

Side View
Surface Mount
0.577" (14.7 mm)
Hole Diameter 0.17" (4.32 mm)
1.25" (31.8 mm)
1.5" (38.1 mm)
1.25" (31.8 mm)
Depth - with DIN-Rail mount 5.125" (130.2 mm)
without DIN-Rail mount 4.875" (123.8 mm)