

IndustrialNet™ DIN Rail Mount Fiber Patching Solution

specifications

The Fiber DIN Mount Patch Panel is a robust fiber containment solution that shall be made of high impact polycarbonate material and shall mount to a standard 35mm DIN rail. The product consist of a fiber patch enclosure with a fiber adapter opening and will be primarily deployed in conjunction with Industrial Ethernet modular switches in fiber-to-enclosure applications, supporting Industrial Ethernet. The product shall include adjustable latches to lock it in place when mounted on the DIN rail. Latch design shall also allow product to mount on a flat surface for vertical bulkhead mounting. The extended depth panel is designed to accept fiber cassette. Standard and extended depth panels are designed to work with fiber adapter panels (FAPs) and include designated space for slack management and provide enclosed fiber protection.



technical information

Standards:	Norme International Standard CEI IEC 60715; DIN EN 60715; DIN EN 50022; DIN 46277-3; BS 5584:1978.; IEC 60068 Environmental Testing; cULus
Dimensions:	FDPPSIG: 4.6"D × 2.6"W × 5.9"H (116.84mmD × 66.04mmW × 149.89mmH) FDPPEIG: 8.7"D × 2.6"W × 5.9"H (220.98mmD × 66.04mmW × 149.89mmH)
Material:	UL94V-0 engineering thermoplastic
RoHS compliance:	Compliant
Mounting options:	Mounts to a standard 35mm DIN rail; can also mount to other surfaces using mounting holes in latches
Packaging:	Fiber enclosure includes PG21 cable entry gland which includes two inserts for use with a range of fiber cables and 6-32 × 3/8" Phillips head screws to mount faceplate to patch panel
Temperature:	Temperature range of -10°C to 60°C (14°F – 140°F) complies to UL 508 Panel standard and operating range of the ethernet switches

key features and benefits

DIN rail mount:	Employs dual purpose, snap-in mounting latches which have an audible click to indicate the latch is in the correct position. The latches serve to hold the unit on the DIN rail while allowing it to slide side to side. Latches also serve as wall mounting brackets via an external mounting hole in the latch.
Modular:	Standard depth accepts most FAPs. Extended depth accepts most FAPs or cassettes.
Patching:	Easy and logical port mapping to common Ethernet mini-switch ports enables convenient MACs (moves, adds, and changes) in industrial telecommunications zone enclosure or control panel applications. IndustrialNet DIN Rail Mount Patching Solution provides a testable permanent link for link commissioning and troubleshooting and provides flexibility and scalability for future growth

applications

IndustrialNet DIN Rail Mount Fiber Patching Solution conserves precious real estate by consolidating all fiber patching onto the DIN rails of a zone enclosure or control panel, designed to support FAPs and most fiber cassettes. This product can be deployed as flexible, reconfigurable and high performance structured cabling elements in traditional hierarchical star, fiber-to-enclosure (zone), or device level ring Industrial Ethernet architectures. This structured cabling solution is important as Ethernet reaches further into the industrial automation network, enabling traditional IT departments to manage change in the industrial network through the use of familiar patching facilities and structured cabling models. The IndustrialNet Modular Patching allows customers to easily deploy fiber connectivity in the same modular DIN footprint in such applications.

DIN Rail Fiber Optic Enclosure

Standard Depth: FDPPSIG

Extended Depth: FDPPEIG

OptiCom® Multimedia Modular Panel for Use with Standard Depth Enclosure

Multimedia 6-port panel: FMP6

Accepts up to six Mini-Com® Modules

Mini-Com Fiber Optic Adapter Modules and FAPs

LC Adapter Modules and FAPs

LC, OM3/OM4 adapter module, duplex: CMDSAQLCZBL

LC, OS1/OS2 FAP, duplex: FAP6WBUDLCZ

LC, OM3/OM4 FAP, duplex: FAP6WAQDLCZ

SC Adapter Modules and FAPs

SC, OM2 adapter module: CMSAQSCZBL

SC, OM1 adapter module: CMSEISCZ^^

SC, OS1/OS2 adapter module: CMSBUSCZBL

SC, OS1/OS2 FAP, duplex: FAP6WBUDSCZ

ST Adapter Modules

ST, adaptor module multimode: CMSTZ^^

Fiber Cassettes to use with Extended Depth Enclosure

OptiCom Adapter Cassettes: CMSBUSCZBU

OptiCom MPO-LC Cassettes

OM3 12 Connectors: FC29N-12-10AS

OS2 24 Connectors: FC29N-24-10AS

OM4 12 Connectors: FC2ZO-12-10AS

OM4 24 Connectors: FC2ZO-24-10AS

OptiCom Splice Cassettes

OS2, LC, 12 Connectors: FCS9N-12-10P

OM4, LC, 12 Connectors: FCSZO-12-10P

HD Flex Splice Cassettes with use of FLEX-OPTI-1RU

LC Splice, OS2, 12 Connectors: FHS9N-12-10P

LC Splice, OM4, 12 Connectors: FHSZO-12-10P

IndustrialNet Ethernet Enclosures

Pre-configured large (3-DIN rail) zone enclosure: Z23C-S

Pre-configured medium (2-DIN rail) zone enclosure: Z22C-S

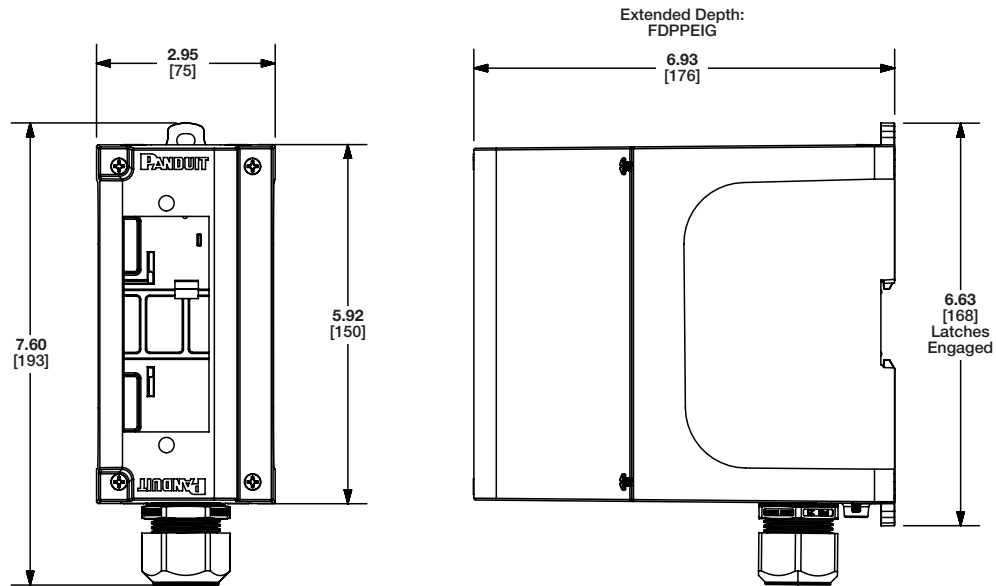
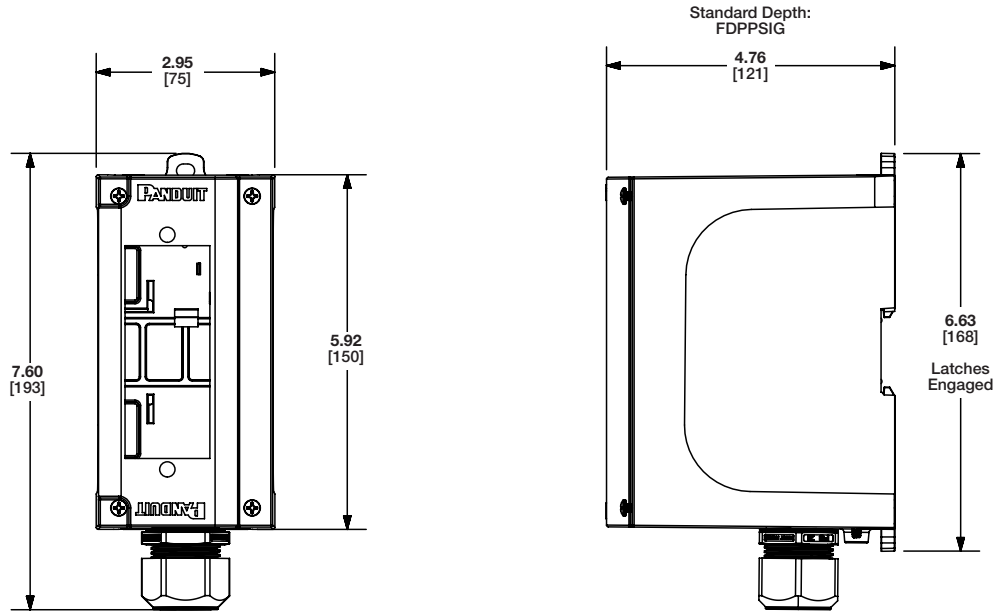
^^Other color options may be available and vary by product.

For complete fiber offering visit www.panduit.com.

DIN Rail Mount Fiber Patch Panels will not work with Quicknet SFQ cassettes or 6 port duplex LC to MPO cassette.

IndustrialNet™ DIN Rail Mount Fiber Patching Solution

diagrams



Dimensions are in inches. [Dimensions in brackets are metric].

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