

# IndustrialNet™ 8-Port DIN Rail Mount Fiber Patching Solution

## specifications

8-port DIN rail mount fiber patching solution shall be made of high impact polycarbonate material and shall mount to a standard 35mm DIN rail. Product shall have a removable faceplate that includes four label pockets, labels and covers for port identification. 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. Fiber solution shall provide enclosed fiber protection for terminated distribution style cabling and include a PG21 or 3/4 NPT cable cord grip to secure fiber cable(s) exiting the enclosure. 8-port DIN rail mount patching solution shall accept any Mini-Com® Module that occupies a single space.



## technical information

<b>Standards:</b>	Norme International Standard CEI IEC 60715; DIN EN 60715; DIN EN 50022; DIN 46277-3; BS 5584:1978.; IEC 60068 Environmental Testing; cULus
<b>Material:</b>	UL94V-0 engineering thermoplastic
<b>RoHS compliance:</b>	Compliant
<b>Mounting options:</b>	Mounts to a standard 35mm DIN rail; can also mount to other surfaces using mounting holes in latches
<b>Packaging:</b>	Fiber enclosure includes PG21 cable entry gland which includes two inserts for use with a range of fiber cables and 6-32 x 3/8" Phillips head screws to mount faceplate to patch panel and 4 labels and label covers
<b>Temperature:</b>	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

<b>DIN rail mount</b>	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
<b>Modular</b>	Accepts up to eight single Mini-Com® Fiber Modules, and fiber connectors
<b>Patching</b>	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™ 8-port DIN Rail Mount Patching Solution provides a testable permanent link for link commissioning and troubleshooting and provides flexibility and scalability for future growth
<b>Identification</b>	DIN rail mount patching solutions include label pockets, labels, and transparent label covers for clear identification; complies with ANSI/EIA/TIA-606-A labeling requirements

## applications

IndustrialNet™ 8-port DIN Rail Mount Fiber Patching Solution conserve precious real estate by consolidating all fiber patching onto the DIN rails of a zone enclosure or control panel and are designed to "port map" to Industrial Ethernet modular mini-switches. This product can be deployed as flexible, reconfigurable and high performance structured cabling elements in traditional hierarchical star, fiber to the 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 use of Panduit IndustrialNet™ Modular Patching allows customers to easily deploy fiber connectivity in the same modular DIN footprint in such applications.

### 8-port DIN Rail Fiber Optic Enclosure

8-port DIN box: FDME8RG

### Mini-Com® Fiber Optic Adapter Modules:

#### LC Adapter Modules:

LC, OM4 adapter module, duplex:	CMDSAQLCZ**
LC, OM1 adapter module, duplex:	CMDSEILCZEI
LC, OS1/OS2 adapter module, duplex:	CMDSLCZ**

#### SC Adapter Modules:

SC, OM4 adapter module:	CMSAQSCZBL
SC, OM1 adapter module:	CMSEISCZEI
SC, OS1/OS2 adapter module:	CMSBUSCZ**

#### ST Adapter Modules:

ST, adapter module multimode:	CMSTZ**
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### LC OptiCam® Fiber Optic Connectors

LC, OM4, 50/125µm, MM, duplex:	FLCDMCXAQY
LC, OM1, 62.5/125µm, MM, duplex:	FLCSMC6EII
LC, OS1/OS2, SM, duplex:	FLCDSCBUY

### SC OptiCam® Fiber Optic Connectors

SC, OM4, 50/125µm, MM, Simplex	FSC2MCXAQ
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### ST OptiCam® Fiber Optic Connectors

ST, OM2, 900µm, MM, simplex:	FST2MC5BL
ST, OS1/OS2, 9/125µm, SM, simplex:	FST2SCBU

### Mini-Com® Blank Modules

Blank modules:	CMBIG-X
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### IndustrialNet™ Ethernet Enclosures

Pre-configured large (3-DIN rail) zone enclosure:	Z23C-S
Pre-configured medium (2-DIN rail) zone enclosure:	Z23C-S

\*\*= Black (BL), Electric Ivory (EI), International White (IW)

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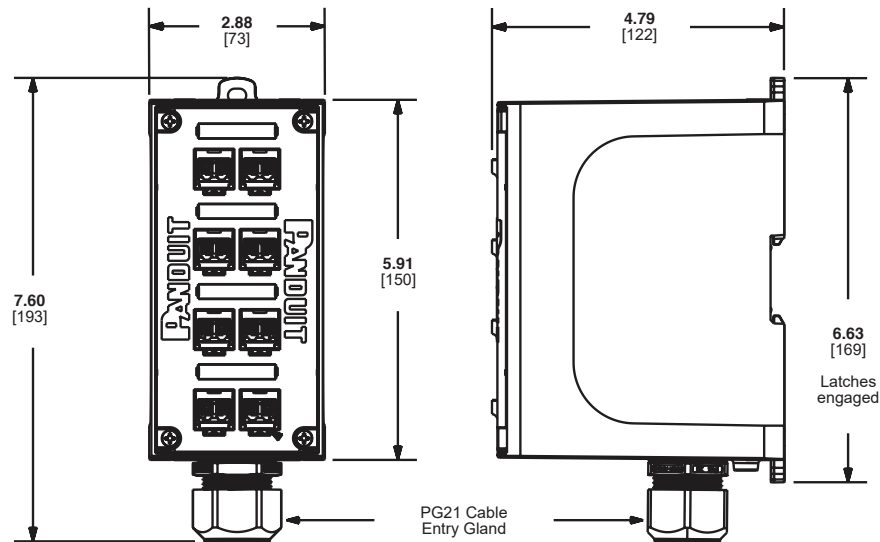
## typical configurations for 8-port din rail fiber enclosure

FDME8RG (8-Port DIN Rail Fiber Enclosure)	CMBIG-X (Blank Adapter Module)	Fiber Connector and Adapter P/Ns	Qty.
1	6	FLCDMCXAQY – LC, OM4, MM, duplex connector CMDSAQLCZ** – LC, OM4, duplex adapter module	2
1	6	FLCDSCBUY – LC, OS1/OS2, SM, duplex connector CMDSLCZ** – LC, OS1/OS2, duplex adapter module	2
1	4	FLCDMCXAQY – LC, OM4, MM, duplex connector CMDSAQLCZ** – LC, OM4, duplex adapter module	4
1	4	FLCDSCBUY – LC, OS1/OS2, SM, duplex connector CMDSLCZ** – LC, OS1/OS2, duplex adapter module	4

\*\*= Black (BL), International White (IW)

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## diagram



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

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10/2023