

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

Standards:	Norme International Standard CEI IEC 60715; DIN EN 60715; DIN EN 50022; DIN 46277-3; BS 5584:1978.; IEC 60068 Environmental Testing; cULus
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 x 3/8" phillips head screws to mount faceplate to patch panel and 4 labels and label covers
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	Accepts up to eight single Mini-Com® Fiber Modules, and fiber connectors
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™ 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
Identification	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, OM2 adapter module, duplex: CMDSBLLC^{^^}
LC, OM1 adapter module, duplex: CMDSL^{^^}
LC, OS1/OS2 Adapter module, duplex: CMDSL^{^^}

SC Adapter Modules:

SC, OM2 adapter module: CMSBLSC^{^^}
SC, OM1 adapter module: CMSEISC^{^^}
SC, OS1/OS2 adapter module: CMSBUSCZ^{^^}

ST Adapter Modules:

ST, adapter module multimode: CMST^{^^}

LC OptiCam® Fiber Optic Connectors

LC, OM2, 50/125µm, MM, duplex: FLC^{^^}MC5BLY
LC, OM1, 62.5/125µm, MM, duplex: FLC^{^^}MC6EY
LC, OS1/OS2, MM, duplex: FLC^{^^}SCBUY

SC OptiCam® Fiber Optic Connectors

SC, OM2, 50/125µm, MM, duplex: FSC^{^^}MC5^{^^}
SC, OM1, 62.5/125µm, MM, duplex: FSC^{^^}MC6^{^^}

ST OptiCam® Fiber Optic Connectors

ST, OM2, 50/125µm, MM, simplex: FSTMC5^{^^}
ST, OM1, 62.5/125µm, MM, simplex: FSTMC6^{^^}
ST, OS1/OS2, SM, simplex: FSTSC^{^^}

Mini-Com® Blank Modules

Blank modules: CMBIG-X‡

IndustrialNet™ Ethernet Enclosures

Pre-configured large (3-DIN rail) zone enclosure: IAZ2436C
Pre-configured medium (2-DIN rail) zone enclosure: IAZ2424C
Pre-configured small (1-DIN rail) zone enclosure: IAZ1214C

Ultimate ID® Replacement Covers

2-port clear cover: UILC2CL-X

Ultimate ID® Labels

2-port white, non adhesive: UIWOL2-L
LS8E and LS9: UILS8BW
Laser/Link Jet: UILJ2

[^]Fiber adapter modules and fiber connectors are available in duplex or simplex. Replace[^] with an (S) if simplex or (D) if duplex.

^{^^} = AW (Arctic White), BL (Black), BU (Blue), EI (Electric Ivory), EW (European White), IW (Off White) and TG (Technical Gray).

^{**} = IW (Off White), WH (White), IG (International Gray), AW (Arctic White), EI (Electric Ivory), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet).

‡For other colors, replace IG (International Gray) with IW (Off White), EI (Electric Ivory), WH (White), or BL (Black).

For complete fiber patch cord offering, visit www.panduit.com

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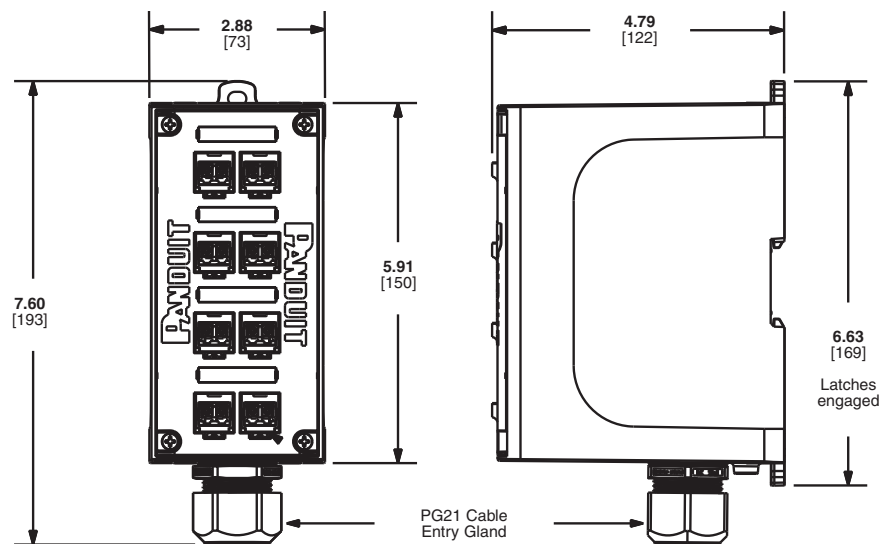
Typical Configurations for 8-Port DIN Rail Fiber Enclosure

FDME8RG (8-Port DIN Rail Fiber Enclosure)	CMBIG-X (Blank Adapter Module)	Fiber Connector and Adapter P/Ns	Qty.
1	6	FLCDMC5BLY – LC, OM2, MM, duplex connector CMD5BLLC^^ – LC, OM2, duplex adapter module.	2
1	6	FLCDSCBUY – LC, OS1/OS2 MM, duplex connector CMD5SLCZ^^ – LC, OS1/OS2 duplex adapter module.	2
1	4	FLCDMC5BLY – LC, OM2, MM duplex connector CMD5BLLC^^ – LC, OM2, duplex adapter module.	4
1	4	FLCDSCBUY – LC, OS1/OS2, MM, duplex connector CMD5SLCZ^^ – LC, OS1/OS2 duplex adapter module.	4

^^ = AW (Arctic White), BL (Black), BU (Blue), EI (Electric Ivory), EW (European White), IW (Off White), and TG (Technical Gray).

** = IW (Off White), WH (White), IF (International Gray), AW (Arctic White), EI (Electric Ivory), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet).

Typical Configurations for 8-Port DIN Rail Fiber Enclosure



Dimensions are in inches [Dimensions in brackets are metric]

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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