

IndustrialNet™ 8-Port DIN Rail Mount Patching Solutions

specifications

8-port DIN rail mount fiber and copper 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. Copper patch panel includes 6-32 x 3/8" phillip 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® Copper and 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 Solutions 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 Patching Solutions conserve precious real estate by consolidating all patching (fiber and copper) onto the DIN rails of a zone enclosure or control panel and are designed to “port map” to Industrial Ethernet modular mini-switches. These products 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.

These structured cabling solutions are 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 copper and fiber connectivity in the same modular DIN footprint in such applications.

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SPECIFICATION SHEET

8-port DIN Rail Fiber Optic Enclosure

8-port DIN box: FDME8RG

8-Port DIN Rail Copper Patch Panel

8-port DIN box: CDP8RG

Mini-Com® Fiber Optic Adapter Modules

LC Adapter Modules:

LC, OM2 adapter module, duplex: CMDSBLLC^^

LC, OM1 adapter module, duplex: CMDSLC^^

LC, OS1/OS2 Adapter module, duplex: CMDSLCZ^^

SC Adapter Modules:

SC, OM2 adapter module, duplex: CM^BLSC^^

SC, OM1 adapter module duplex: CM^EISC^^

SC, OS1/OS2 adapter module, duplex: CM^BUSCZ^^

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^MC6E1Y

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® Copper Jack Modules

Category 6: CJ688TG**

Category 5e: CJ5E88TG**

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/Ink 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 copper and fiber patch cord offering, visit www.panduit.com

IndustrialNet™ 8-Port DIN Rail Mount Patching Solutions

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

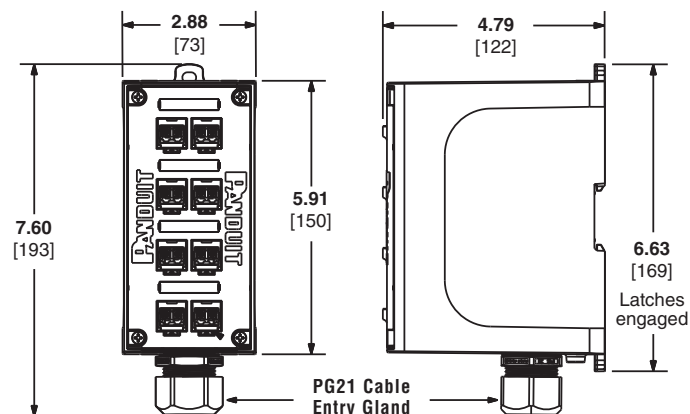
Typical Configurations for 8-Port DIN Rail Copper Patch Panel

CDPP8RG (8-port DIN Rail Copper Patch Panel)	CMBIG-X (Blank Adapter Module)	Copper Jack Modules P/Ns	Qty.
1	4	CJ688TG** – Category 6 copper jack module.	4
1	4	CJ5E88TG** – Category 5e copper jack module.	4
1	0	CJ688TG** – Category 6 copper jack module.	8
1	0	CJ5E88TG** – Category 5e copper jack module.	8

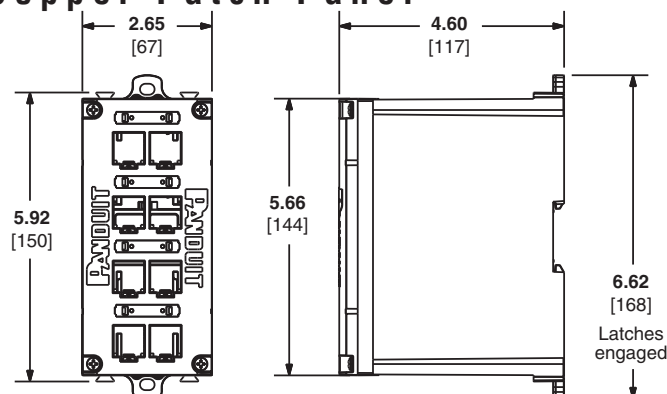
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** = IW (Off White), WH (White), IF (International Gray), AW (Arctic White), EI (Electric Ivory), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet).

8-Port DIN Rail Fiber Optic Enclosure



8-Port DIN Rail Copper Patch Panel



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

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