1U MTP®/MPO (BASE-24) - LC PIVOT PATCH PANEL – PIVM01Xx

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NEXCONEC® 1U MTP®/MPO (Base-24) to LC breakout pivot patch panel offers an expandable deployment for implementations in 100G networks, in the meantime providing greater protection to the installed patch cords in main, horizontal and equipment area of data center. Each tray can populate up to **96FO in LC** and offers individual pivoting up to 120° to ensure easy access during installation or rework without any interference with the existing cable or fibers.

The remarkable panel design includes a detachable see-through lid and a transparent hinged drop-down door to ensure easy access, simplifies labelling and maintenance routines. Ventilation tracts within the panel enable constant airflow, facilitating optimal cooling for the active equipment with utmost efficiency.

FEATURES

- ✓ 1U overall with ½ RU individual trays
- ✓ Up to 96FO in LC on 1U Space
- ✓ Standard 19" or 21" Rack mounting type
- ✓ High durability & light weight PC & PC+Fiber Glass material
- ✓ Transparent lid for easier maintenance and verification
- ✓ Enhanced labelling on the front door providing patch cords protection and better identification
- ✓ Available in shuttered dust proof LC adapters
- ✓ Available in standard SM and MM options
- ✓ Simple and easy installation with integrated fiber routing
- ✓ Right or Left Hinged Swing-out

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APPLICATIONS

- ✓ Indoor Applications
- ✓ Datacenter & Enterprise network
- ✓ Ethernet, Fiber Channel, ATM, LAN, MAN and WAN
- ✓ Data communication and Telecommunication networks

PANEL SPECIFICATIONS

Parameters	Value
Mounting Type	Rack 19" or 21"
Opening Type	Right or Left Hinge Swing-out - 120° degrees
Access Type	Front and Side access
Front Cable Management	Front manager with Hinged transparent drop-down door
Cable Entry Direction	Side Cable Entry Left or Right
Side Cable Management	Each tray supports up to 6 MPO Trunks of 3mm
Front Adapter Type	LC Duplex Footprint
Number of LC Adapters	48 Ports [2x (24 each ½ RU tray)]
Inside Adapter Type	MTP®/MPO Base-24 Male (Pinned)
Number of MTP®/MPO Adapters	4 Ports [2x (2 each ½ RU tray)] for LC Configuration
Fiber Capacity	96FO in LC
Height Unit	1U
Dimensions (W x D x H in MM)	421.5 x 265.1 x 43.5 mm
Material	PC & PC + Fiber Glass (20%)
Housing Color	Black or Grey (RAL 7035)
Compliance	RoHS, REACH SvHC
Application	Indoor IP20
Lockable	No
Net Weight	2.5 Kg

MPO-LC FANOUT SPECIFICATIONS

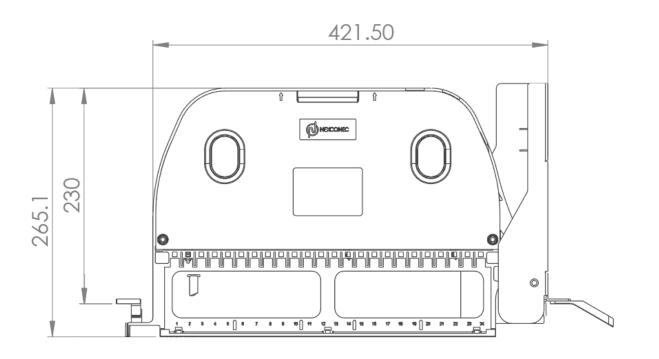| Parameters	Units	SM MPO	SM LC	MM MPO	MM LC
Avg/Max IL – Standard	dB	≤ 0.25/0.75	≤ 0.20/0.30	≤ 0.60	≤ 0.18/0.30
Return Loss (PC/APC)	dB	≥ 60	≥ 60/65	NA	NA
Avg/Max IL– Premium	dB	≤ 0.10/0.35	≤ 0.12/0.15	≤ 0.10/0.35	≤ 0.12/0.15
Return Loss (PC/APC)	dB	≥ 60	≥ 60/65	NA	NA

ORDER INFORMATION

Part Number	Product Description
PIVM01XR	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC Duplex SM OS2 (100G-10G) Right Bracket
PIVM01XL	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC Duplex SM OS2 (100G-10G) Left Bracket
PIVM02XR	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC/APC Duplex SM OS2 (100G-10G) Right Bracket
PIVM02XL	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC/APC Duplex SM OS2 (100G-10G) Left Bracket
PIVM03XR	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC Duplex MM OM3/OM4 (100G-10G) Right Bracket
PIVM03XL	1U 96FO Pivot Patch Panel, 4x MPO(Male) Elite (Base-24) - LC Duplex MM OM3/OM4 (100G-10G) Left Bracket

* Add 'G' at the end of the Part Number for Telecom panels in Grey color. (Example: PIVM01XRG, PIVM01XLG)

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TECHNICAL DRAWING

421.50

265.1

230

43.50