HD CASSETTE MTP®/MPO 1x(BASE-24) - MP4CAxxX

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NEXCONEC® HD MPO transition cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The HD cassettes are designed to easily plug into NEXCONEC HD 1U 4 slot chassis and each chassis can populate up to 96F. The cassettes eliminate the need for splicing reducing costs. The MPO and single ferrule connectors are available in Standard and Elite versions to cater to the customer's power budget requirements.

For the 24 Fibers 100G to 10G version cassette can hold 1x(Base-24) MPO - 24F LC fanout.

FEATURES

✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements

✓ Shuttered dust proof LC adapters

✓ Available in standard Single mode and Multimode fiber options

✓ Available in 40G to 10G and 100G to 10G transition

✓ Available in Polarity A/B/C as per TIA/EIA-568-C.3

✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

✓ Flame retardant PC+ABS material

APPLICATIONS

✓ Telecommunication networks

✓ Data centers, Co-location DC

✓ LAN or Campus wide Network

✓ Broadband network

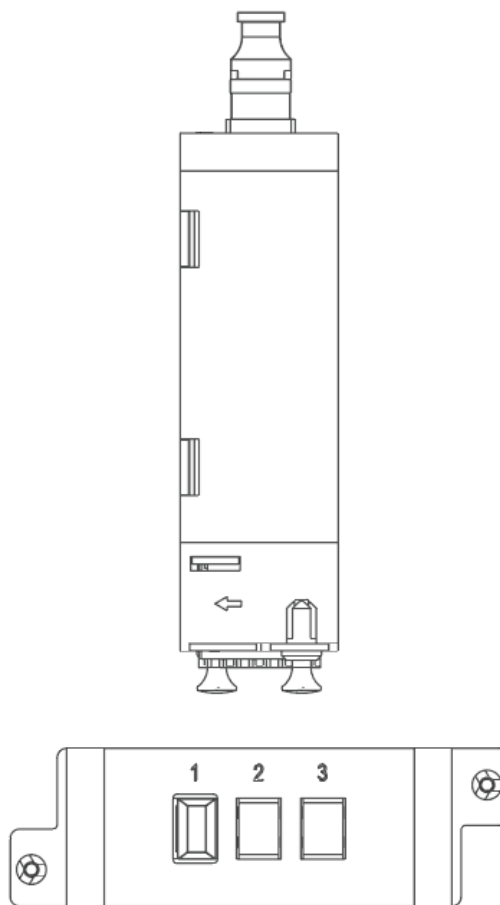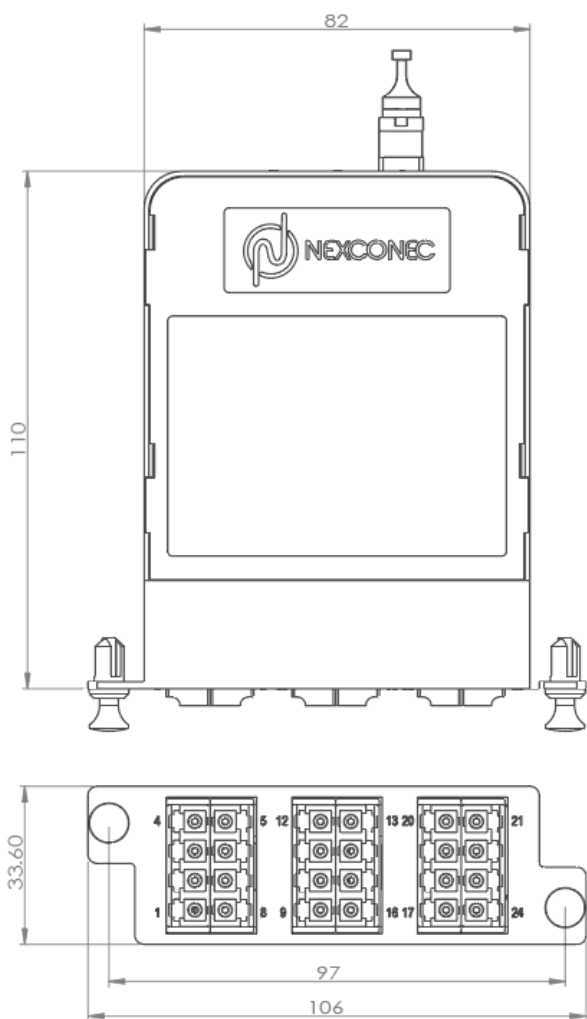✓ Supports SFP, QSFP, CFP applications

✓ 100G to 10G/ 40G to 10G transition

SPECIFICATIONS

Parameters	Value
Footprint	HD MP4
Dimensions (WxDxH)	106 x 110 x 33.60 mm
Material	PC+ABS
Housing Color	Black
Application	HD Panels
Fiber Capacity	24FO in LC
Front Adapter Type	LC Quad (Shuttered laser & Dust proof)
Rear Adapter Type	MTP®/MPO Base-24
Number of LC Quad Ports	6 Ports
Number of MTP®/MPO Ports	1 Port
Polarity	A/B/C as per TIA/EIA-568-C.3
Compliance	RoHS, REACH & SvHC
Operating Temperature	-10 ~ +60°C
Weight	0.25 Kg

PERFORMANCE

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

TECHNICAL DRAWING

ORDER INFORMATION

Product	Part Number	Product Description
	MP4CA01X	HD Module 1xMPO-24 (ELITE) M-LC/UPC 24FO SMF OS2 100G to 10G Base-24 (Blue)
	MP4CA02X	HD Module 1xMPO-24 (ELITE) M-LC/APC 24FO SMF OS2 100G to 10G Base-24 (Green)
	MP4CA03X*	HD Module 1xMPO-24 (ELITE) M-LC/UPC 24FO MM OM3/OM4 100G to 10G Base-24 (Aqua)

* Add 'V' at the end of the Part Number for LC Adapters in Erika Violet color. (Example: MP4CA03XV)
Note: MTP®/MPO from Usconec available on request.

RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	MP4PP01	1U 4 Slots HD Modular Fixed Frame
	MP4PP02	1U 4 Slots HD Modular Sliding Patch Panel Unloaded (No front Management)
	MP4PP03	1U 4 Slots HD Modular Sliding Patch Panel Unloaded (Including Front Management)

	MP4PP04	1U 4 Slots HD Modular Fixed Frame (Including Front Management)
	HD3	3U 12 Slots HD Modular Fixed Frame (Including Front Management)
	MP4BK01	Zero RU HD Bracket, 1 Slot (Unloaded)