HD CASSETTE MTP®/MPO 3x(BASE-8) - MP4CAxxQ

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NEXCONEC® HD cassettes are pre-terminated modules MPO-LC/SC 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 customer's power budget requirements.

For the 24 Fibers 100/40G to 25/10G version, each cassette holds 3x 8F MPO (male)-LC fan-outs.

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 25G transition
- ✓ Available in Polarity A/B/C as per TIA/EIA-568-C.3
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ Broadband network
- ✓ Supports SFP, QSFP, CFP applications
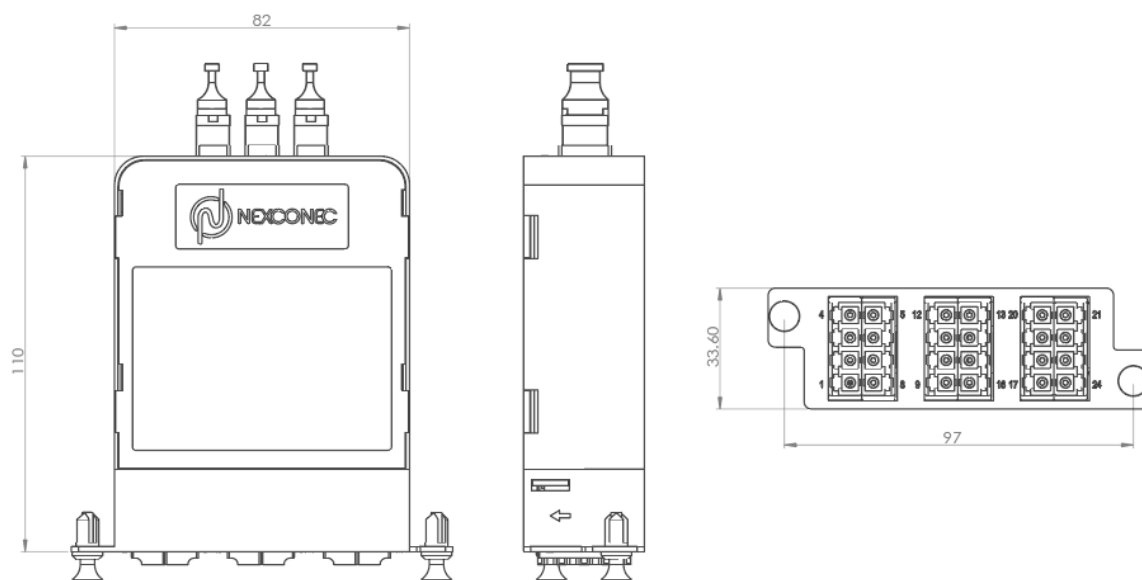- ✓ 100G to 25G/ 40G to 10G transition

SPECIFICATIONS

Footprint	HD MP4
Material	ABS + PC
Housing Color	Black
Application	HD Panels
Fiber Capacity	24FO in LC
Adapters Ports	Shuttered laser & Dust proof LC Adapters
Dimensions (WxDxH in mm)	106 x 110 x 33.60
Weight KG	0.25

PERFORMANCE

Parameters	Units	SM MPO	SM LC/SC	MM MPO	MM LC/SC
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
	MP4CA01Q	HD Module 100/40G-25/10G 24FO SMF OS2 LC - 3xMPO(M) Elite Base-8, Pol B
	MP4CA02Q	HD Module 40G-10G 24FO MM OM3/OM4 LC - 3xMPO(M) Elite Base-8, Pol B

* 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)