

## HD CASSETTE MTP<sup>®</sup>/MPO 3x(BASE-8) - MP4CAxxQ



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NEXCONEC<sup>®</sup> 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

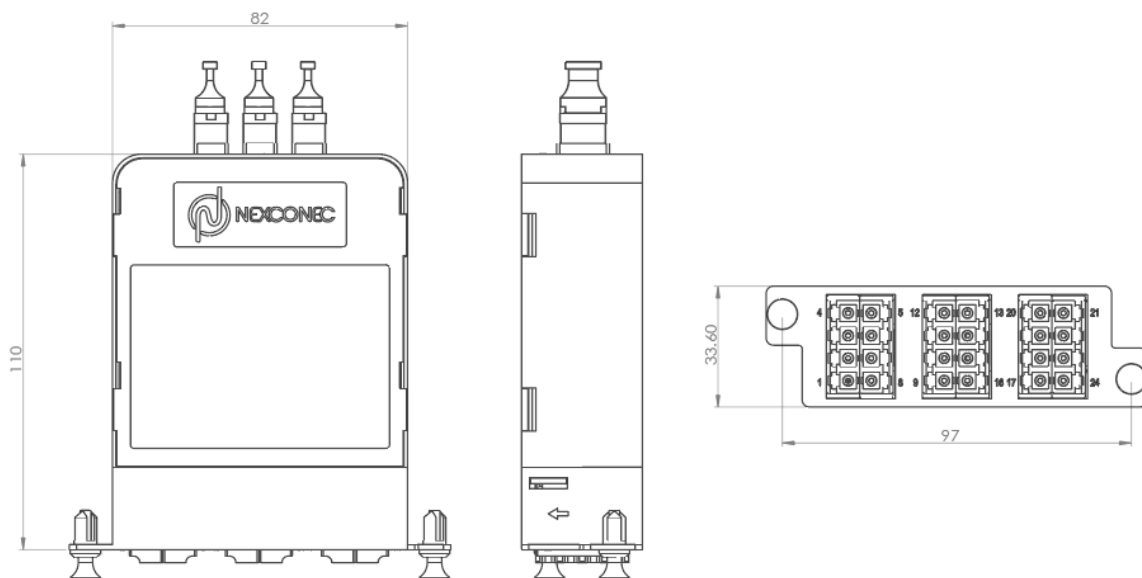
## SPECIFICATIONS

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



## PERFORMANCE

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

## TECHNICAL DRAWING




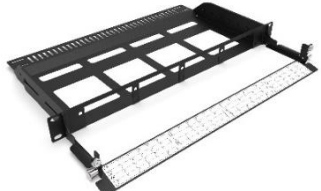




## ORDER INFORMATION

Product	Part Number	Product Description
	<b>MP4CA01Q</b>	HD Module 100/40G-25/10G 24FO SM G657A1/A2 LC - 3xMPO(M) Elite Base-8, Pol B
	<b>MP4CA02Q</b>	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
	<b>MP4PP01</b>	1U 4 Slots HD Modular Fixed Frame
	<b>MP4PP02</b>	1U 4 Slots HD Modular Sliding Patch Panel Unloaded (No front Management)
	<b>MP4PP03</b>	1U 4 Slots HD Modular Sliding Patch Panel Unloaded (Including Front Management)
	<b>MP4PP04</b>	1U 4 Slots HD Modular Fixed Frame (Including Front Management)

	<p><b>HD3</b></p>	<p>3U 12 Slots HD Modular Fixed Frame (Including Front Management)</p>
	<p><b>MP4BK01</b></p>	<p>Zero RU HD Bracket, 1 Slot (Unloaded)</p>

