

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



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NEXCONEC<sup>®</sup> UPX fiber optic cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The UPX cassettes are designed to easily plug into NEXCONEC UPX 2U 12 slot chassis and each chassis can populate up to 288FO.

For the 24 Fibers 100/40G to 25/10G version, each cassette holds **3x(Base-8) MPO - 24F LC fanout**. The cassettes eliminate the need for splicing by reducing costs. The MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements.

### FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ 6 Cores LC adapters (LC and MPO Shuttered Ports)
- ✓ Available in standard Single mode and Multimode fiber options
- ✓ Available in 40G to 10G and 100G to 25G transition
- ✓ 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**

Parameters	Value
Footprint	UPX
Dimensions (W x D x H)	87.30 x 125 x 29.10 mm
Material	PC+ABS
Housing Color	Grey Blue (RAL 5008)
Application	UPX Panels
Fiber Capacity	24FO in LC
Adapters Ports	Front: 4x 6 Cores LC Adapters, Shuttered Ports Rear: 3x (Base-8) MTP®/MPO Adapter, Shuttered Ports
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

## ORDER INFORMATION

Product	Part Number	Product Description
	<b>UPXCA01Q</b>	UPX Module 100/40G-25/10G 24FO SMF OS2 LC - 3xMPO(M) Elite Base-8, Polarity B
	<b>UPXCA02Q</b>	UPX Module 40G-10G 24FO MM OM3/OM4 LC - 3xMPO(M) Elite Base-8, Polarity B

Note: MTP®/MPO from Usconec available on request.

## RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	<b>UPXPP01</b>	1U 5 Slots UPX Modular Fixed Frame (Including Front Management)
	<b>UPXPP02</b>	2U 12 Slots UPX Modular Fixed Frame (Including Front Management)
	<b>UPXPP03</b>	3U 12 Slots UPX Modular Fixed Frame (Including Front Management)

TECHNICAL DRAWING

