

UPX CASSETTE MTP[®]/MPO (BASE-12) - UPXCAxx



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NEXCONEC[®] 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.

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
- ✓ Available in standard Single mode and Multimode fiber options
- ✓ 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 10G/ 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/12FO in LC
Adapters Ports	24FO: 4x 6 Cores LC & 2x (Base-12) MTP®/MPO Adapters, Shuttered Ports 12FO: 2x 6 Cores LC & 1x (Base-12) MTP®/MPO Adapter, Shuttered Ports
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

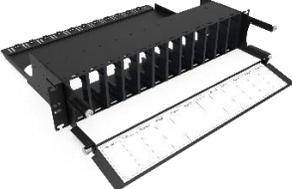
Product	Part Number	Product Description
	UPXCA01	UPX Module MPO-LC Elite 24FO SM Pol A/C

	UPXCA02	UPX Module MPO-LC/APC Elite 24FO SM Pol A/C
	UPXCA03	UPX Module MPO-LC Elite 24FO MM OM3/4 Pol A/C
	UPXCA04	UPX Module MPO-LC Elite 12FO SM Pol A/C
	UPXCA05	UPX Module MPO-LC/APC Elite 12FO SM Pol A/C
	UPXCA06	UPX Module MPO-LC Elite 12FO MM OM3/4 Pol A/C

* Polarity B Universal option is also available on request. For standard performance cassettes please ask sales.

* MTP®/MPO from Usconec available on request.

RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	UPXPP01	1U 5 Slots UPX Modular Fixed Frame (Including Front Management)
	UPXPP02	2U 12 Slots UPX Modular Fixed Frame (Including Front Management)



UPXPP03

3U 12 Slots UPX Modular Fixed Frame (Including Front Management)

TECHNICAL DRAWING

