

## UPX CASSETTE 12FO (BASE-12) MTP<sup>®</sup>/MPO-LC (FRONT PATCH) - **UPXCAxxF**



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NEXCONEC<sup>®</sup> UPX Fiber Cassette (BASE-12) MTP<sup>®</sup>/MPO-LC 12FO (Front Patch) is a pre-terminated module designed for up to 100G applications. It connects backbone cabling to equipment links with high density and minimal loss.

Each cassette fits into the NEXCONEC UPX 2U 12-slot chassis, supporting up to 144 fibers per chassis. The MTP<sup>®</sup>/MPO to LC fanout design eliminates field splicing, cutting installation time and cost. Available in Standard and Elite versions to meet different power budget needs.

### 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	12FO in LC
Adapters Ports	2x 6 Cores LC & 1x (Base-12) MTP®/MPO Adapters, 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
	<b>UPXCA04F</b>	UPX Module Front MPO-LC/UPC Elite 12FO SM Pol A/C

	<b>UPXCA05F</b>	UPX Module Front MPO-LC/APC Elite 12FO SM Pol A/C
	<b>UPXCA06F</b>	UPX Module Front MPO-LC/UPC Elite 12FO MMF 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
	<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

