

## LGX CASSETTE MTP<sup>®</sup>/MPO 1x(BASE-24) – MP3CAxxX



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NEXCONEC<sup>®</sup> LGX MPO transition cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The LGX cassettes are designed to easily plug into NEXCONEC LGX 1U 3 slot chassis and each chassis can populate up to 72F. The cassettes eliminate the need for splicing reducing costs. The MPO and single ferrule connectors are available in Standard and Elite versions to cater to the customer's power budget requirements.

For the 24 Fibers 100G to 10G version cassette can hold 1x(Base-24) MPO - 24F LC fanout.

### 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 10G transition
- ✓ Available in Polarity A/B/C as per TIA/EIA-568-C.3
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant
- ✓ Flame retardant PC+ABS material

## 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

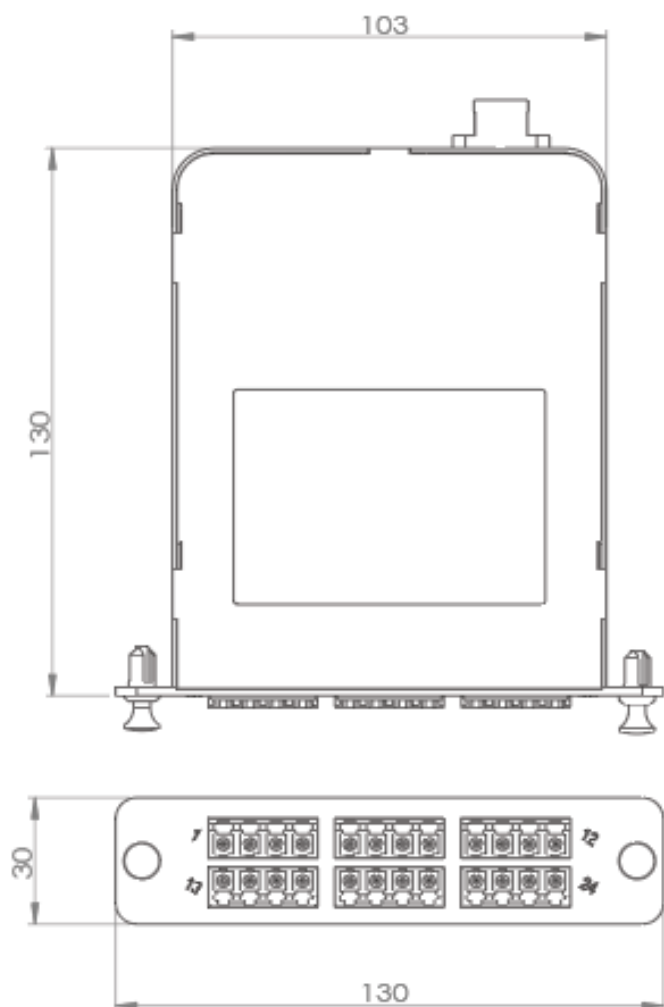
## SPECIFICATIONS

Parameters	Value
Footprint	LGX MP3
Dimensions (WxDxH)	130 x 130 x 30 mm
Material	PC+ABS
Housing Color	Black
Application	LGX Panels, Chassis, Wall Boxes
Fiber Capacity	24FO in LC
Front Adapter Type	LC Quad (Shuttered laser & Dust proof)
Rear Adapter Type	MTP®/MPO Base-24
Number of LC Quad Ports	6 Ports
Number of MTP®/MPO Ports	1 Port
Polarity	A/B/C as per TIA/EIA-568-C.3
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

## TECHNICAL DRAWING






## ORDER INFORMATION

Product	Part Number	Product Description
	<b>MP3CA01X</b>	LGX Module 1xMPO-24 (ELITE) M-LC/UPC 24FO SMF OS2 100G to 10G Base-24 (Blue)
	<b>MP3CA02X</b>	LGX Module 1xMPO-24 (ELITE) M-LC/APC 24FO SMF OS2 100G to 10G Base-24 (Green)
	<b>MP3CA03X*</b>	LGX Module 1xMPO-24 (ELITE) M-LC/UPC 24FO MM OM3/OM4 100G to 10G Base-24 (Aqua)

\* Add 'V' at the end of the Part Number for LC Adapters in Erika Violet color. (Example: MP3CA03XV)  
Note: MTP®/MPO from Usconec available on request.

## RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	<b>MP3PP01</b>	1U 19" 3 Slots LGX Modular Rack Mount Enclosure Unloaded
	<b>MP3PP02</b>	2U 19" 6 Slots LGX Modular Rack Mount Enclosure Unloaded
	<b>MP3PP03</b>	4U 19" 12 Slots LGX Modular Rack Mount Enclosure Unloaded

	<b>MP3PP04</b>	1U 19" 3 Slots LGX Modular Sliding Patch Panel Unloaded (No Front Management)
	<b>MP3PP05</b>	1U 19" 3 Slots LGX Modular Sliding Patch Panel Unloaded (Including Front Management)
	<b>MP3PP06</b>	1U 19" 3 Slots LGX Modular Fixed Frame Unloaded (No Front Management)
	<b>MP3PP07</b>	1U 19" 3 Slots LGX Modular Fixed Frame Unloaded (Including Front Management)
	<b>LGX3U</b>	3U 19" 14 Slots LGX Modular Fixed Frame Unloaded (Including Front Management)
	<b>FW1MP3</b>	1 Slot LGX Wall Mount Modular Box Unloaded
	<b>FW2MP3</b>	2 Slot LGX Wall Mount Modular Box Unloaded
	<b>FW4MP3</b>	4 Slot LGX Wall Mount Modular Box Unloaded