NEXCONEC LGX cassettes are pre-terminated modules MPO-LC/SC 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 panels and chassis range. 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.

FEATURES AND APPLICATIONS

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- Available in standard Singlemode and Multimode fiber options
- Available in 12, and 24 fibre count
- Available in Polarity A/B/C as per TIA/EIA-568-C.3
- RoHS, REACH & SvHC compliant, Materials Conflict compliant

- Telecommunication networks
- Data centers, Co-location DC
- LAN or Campus wide Network
- Broadband network
- Supports SFP, QSFP, CFP applications
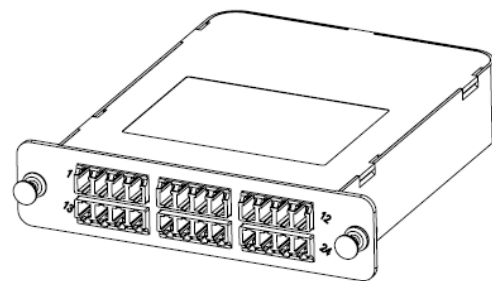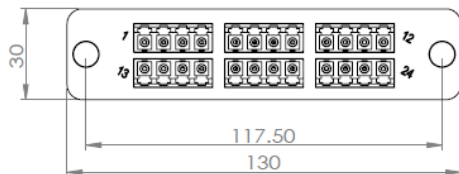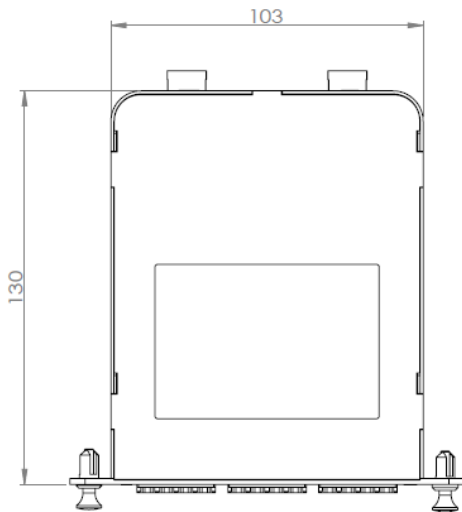- 100G to 10G/ 40G to 10G transition

SPECIFICATIONS

FOOTPRINT	LGX
MATERIAL	ABS + PC
HOUSING COLOUR	BLACK
APPLICATION	LGX PANELS, CHASSIS, WALL BOXES
FIBER CAPACITY	24FO in LC / 12FO in SC
DIMENSIONS *(WxDxH in mm)*	130 x 103 x 28
WEIGHT KG	0.25

PERFORMANCE

Parameters	Units	SM MPO	SM LC/SC	MM MPO	MM LC/SC
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	NA	NA

TECHNICAL DRAWING

ORDERING INFORMATIONS

	Product Description	Part Number
	LGX Module MPO-LC Elite 24FO SM Pol A/C	**MP3CA01**
	LGX Module MPO-LC/APC Elite 24FO SM Pol A/C	**MP3CA02**
	LGX Module MPO-LC Elite 24FO MM OM3/4 Pol A/C	**MP3CA03**
	LGX Module /MPO-SC Elite 12FO SM Pol A/C	**MP3CA04**
	LGX Module MPO-SC/APC Elite 12FO SM Pol A/C	**MP3CA05**
	LGX Module MPO-SC Elite 12FO MM OM3/4 Pol A/C	**MP3CA06**

* 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 Description	Part Number
	1U 19" 3 SLOTS LGX MODULAR SLIDING PATCH PANEL UNLOADED	**MP3PP04**
	1U 19" 3 SLOTS LGX MODULAR SLIDING PATCH PANEL WITH FRONT MANAGEMENT UNLOADED	**MP3PP05**
	1U 19" 3 SLOTS LGX MODULAR CHASSIS UNLOADED	**MP3PP06**
	1U 19" 3 SLOTS LGX MODULAR RACK MOUNT ENCLOSURE UNLOADED	**MP3PP01**

2U 19" 6 SLOTS LGX MODULAR RACK MOUNT ENCLOSURE UNLOADED   **MP3PP02**

4U 19" 12 SLOTS LGX MODULAR RACK MOUNT ENCLOSURE UNLOADED   **MP3PP03**

1 SLOT LGX WALL MOUNT MODULAR BOX UNLOADED   **FW1MP3**

2 SLOT LGX WALL MOUNT MODULAR BOX UNLOADED   **FW2MP3**

4 SLOT LGX WALL MOUNT MODULAR BOX UNLOADED   **FW4MP3**