

LGX CASSETTE MTP®/MPO (BASE-12) - MP3CAxx



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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 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
- ✓ Shuttered dust proof LC adapters
- ✓ Available in standard Single mode and Multimode fiber options
- ✓ Available in 12, and 24 fiber count
- ✓ Available in Polarity A/C or Universal Bx 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	LGX
Dimensions (W x D x H)	130 x 130 x 30 mm
Material	PC+ABS
Housing Color	Black
Application	LGX Panels, Chassis, Wall Boxes
Fiber Capacity	12FO or 24FO in LC / 12FO in SC
Front Adapter Type	LC Quad / SC Duplex (Shuttered laser & Dust proof LC Adapters)
Rear Adapter Type	MTP®/MPO (Base-12)
Polarity	Polarity A/C or Universal Bx 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/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	≥ 60/65	NA	NA

ORDER INFORMATION

Product	Part Number	Product Description
	MP3CA01	LGX Module (Base-12) MPO-LC Elite 24FO SMF OS2 Polarity A/C
	MP3CA01U	LGX Module (Base-12) MPO-LC Elite 24FO SMF OS2 Polarity Universal Bx
	MP3CA02	LGX Module (Base-12) MPO-LC/APC Elite 24FO SMF OS2 Polarity A/C
	MP3CA02U	LGX Module (Base-12) MPO-LC/APC Elite 24FO SMF OS2 Polarity Universal Bx
	MP3CA03	LGX Module (Base-12) MPO-LC Elite 24FO MM OM3/4 Polarity A/C
	MP3CA03U	LGX Module (Base-12) MPO-LC Elite 24FO MM OM3/4 Polarity Universal Bx
	MP3CA04	LGX Module (Base-12) MPO-SC Elite 12FO SMF OS2 Polarity A/C
	MP3CA05	LGX Module (Base-12) MPO-SC/APC Elite 12FO SMF OS2 Polarity A/C
	MP3CA06	LGX Module (Base-12) MPO-SC Elite 12FO MM OM3/4 Polarity A/C

	MP3CA07	LGX Module (Base-12) MPO-LC Elite 12FO SMF OS2 Polarity A/C
	MP3CA08	LGX Module (Base-12) MPO-LC/APC Elite 12FO SMF OS2 Polarity A/C
	MP3CA09	LGX Module (Base-12) MPO-LC Elite 12FO MM OM3/4 Polarity A/C

* For standard performance cassettes please ask sales.

*MTP®/MPO from Usconec available on request.

RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	MP3PP01	1U 19" 3 Slots LGX Modular Rack Mount Enclosure Unloaded
	MP3PP02	2U 19" 6 Slots LGX Modular Rack Mount Enclosure Unloaded
	MP3PP03	4U 19" 12 Slots LGX Modular Rack Mount Enclosure Unloaded
	MP3PP04	1U 19" 3 Slots LGX Modular Sliding Patch Panel Unloaded (No Front Management)

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

TECHNICAL DRAWINGS

