## LGX CASSETTE MTP®/MPO (Type-B) - MP3CAxxU



Browse on Mobile

🌐 Browse on Web

NEXCONEC® LGX 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 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

✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements

✓ Shuttered dust proof LC adapters

✓ Available in standard Singlemode and Multimode fiber options

✓ Available in 12, and 24 fibre count

✓ Polarity B as per TIA/EIA-568-C.3 with Alpha-Beta cassettes

✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

## APPLICATIONS

✓ Telecommunication networks

✓ Data centers, Co-location DC

✓ LAN or Campus wide Network

✓ Broadband network

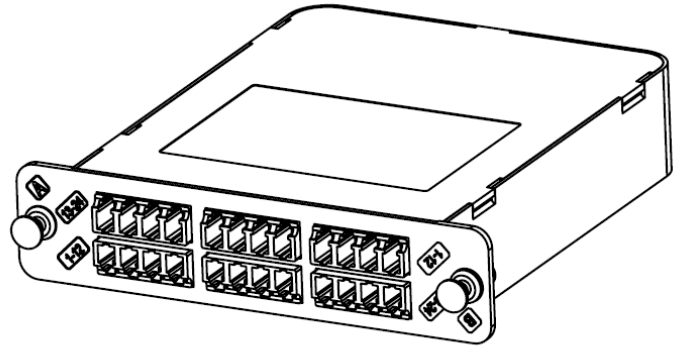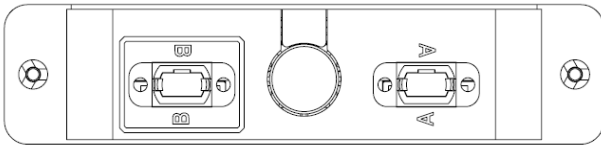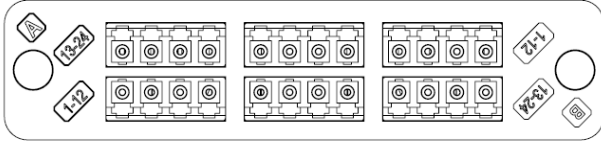✓ Supports SFP, QSFP, CFP applications

✓ 100G to 10G/ 40G to 10G transition

## SPECIFICATIONS

| | |
|---|---|
| **Footprint** | LGX |
| **Material** | ABS + PC |
| **Housing Color** | Black |
| **Application** | LGX Panels, Chassis, Wall Boxes |
| **Fiber Capacity** | 24FO in LC / 12FO in SC |
| **Dimensions (W x D x H 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 | ≥ 60/65 | NA | NA |

## TECHNICAL DRAWINGS

## ORDER INFORMATION

| Product | Part Number | Product Description |
|---------|-------------|---------------------|
|  | **MP3CA01U** | LGX Module MPO-LC Elite 24FO SM Pol B Universal |
|  | **MP3CA02U** | LGX Module MPO-LC/APC Elite 24FO SM Pol B Universal |
|  | **MP3CA03U** | LGX Module MPO-LC Elite 24FO MM OM3/4 Pol B Universal |

## 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 |