

UPX CASSETTE MTP[®]/MPO 1x(BASE-24) - UPXCAxxX



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NEXCONEC[®] UPX fiber optic cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The UPX cassettes are designed to easily plug into NEXCONEC UPX 2U 12 slot chassis and each chassis can populate up to 288FO.

For the 24 Fibers 100G to 10G version cassette can hold **1x(Base-24) MPO - 24F LC fanout**. 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
- ✓ 6 Cores LC adapters (LC and MPO Shuttered Ports)
- ✓ 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

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 | 24FO in LC |
| Adapters Ports | Front: 4x 6 Cores LC Adapters, Shuttered Ports Rear: 1x (Base-24) MTP®/MPO Adapter, Shuttered Ports |
| 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 |

ORDER INFORMATION

| Product | Part Number | Product Description |
|---|------------------|--|
|  | UPXCA01X | UPX Module 1xMPO-24 (Elite) M-LC/UPC 24FO SMF OS2 100G to 10G (Base-24) Blue |
|  | UPXCA02X | UPX Module 1xMPO-24 (Elite) M-LC/APC 24FO SMF OS2 100G to 10G (Base-24) Green |
|  | UPXCA03X* | UPX 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: UPXCA03XV)
Note: MTP®/MPO from Usconec available on request.

RELATED PRODUCTS AND ACCESSORIES

| Product | Part Number | Product Description |
|---|----------------|--|
|  | UPXPP01 | 1U 5 Slots UPX Modular Fixed Frame (Including Front Management) |
|  | UPXPP02 | 2U 12 Slots UPX Modular Fixed Frame (Including Front Management) |
|  | UPXPP03 | 3U 12 Slots UPX Modular Fixed Frame (Including Front Management) |

TECHNICAL DRAWING

