NGX CASSETTE MTP®/MPO (Type-B) – NGXCAxxU

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NEXCONEC® NGX cassettes are pre-terminated modules MPO-LC/SC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The NGX cassettes are designed to easily plug into NEXCONEC NGX 1U 6 slot panel and each chassis can populate up to **144FO**.

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.

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
- ✓ Polarity B as per TIA/EIA-568-C.3 with Alpha/Beta cassettes
- ✓ RoHS, REACH & SVHC compliant, Materials Conflict compliant
- ✓ Flame retardant PC+ABS material

✉ sales@nexconec.com   🌐 nexconec.com

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	NGX
Dimensions (WxDxH)	191.20 x 130 x 12.60 mm
Material	PC+ABS
Housing Color	Black
Application	NGX Panels
Fiber Capacity	Up to 24FO
Front Adapter Type	6x LC Quad
Rear Adapter Type	2x MTP®/MPO Base-12
Polarity	Polarity B as per TIA/EIA-568-C.3 with Alpha/Beta cassettes (Universal)
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
	NGXCA01U	NGX Module MPO (ELITE) M-LC/UPC Premium 24FO SMF OS2 Polarity B (Universal)
	NGXCA02U	NGX Module MPO (ELITE) M-LC/APC Premium 24FO SMF OS2 Polarity B (Universal)
	NGXCA03U	NGX Module MPO (ELITE) M-LC Premium 24FO MM OM3/4 Polarity B (Universal)
	NGXCA07U	NGX Module MPO (ELITE) M-LC Premium 24FO MM OM5 Polarity B (Universal)

RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	NGXPP01	1U 6 Slots NGX Modular Patch Panel Unloaded
	NGXPP02	1U 6 Slots NGX Angled Modular Patch Panel Unloaded
	NGXPP03	1U 6 Slots NGX Hybrid Modular Patch Panel Unloaded
	NGXPP04	NGX Hybrid Angled Modular Chassis 1U Fiber/Copper (6 Fiber NGX Slots / 12P KJ) Unloaded
	NGXPP21	2U 12 Slots NGX Modular Patch Panel Unloaded
	NGXBK01	Zero RU NGX Bracket, 3 Slots Unloaded