NGX CASSETTE TRANSITION 24FO BASE-24 MPO-LC - NGXCAxxx

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NEXCONEC® MPO TRANSITION NGX cassettes are pre-terminated modules MPO-LC 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. The MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements. For the 40G to 10G version, each cassette can hold 3x 8f MPO Base-8 LC fanouts, while the 100G to 10G version can hold 1x 24f MPO Base-24 LC fanout.

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 40G to 10G and 100G to 10G versions
✓ Available in Polarity A/B/C as per TIA/EIA-568-C.3
✓ RoHS, REACH & SVHC compliant, Materials Conflict compliant
✓ Flame retardant ABC+PC material

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

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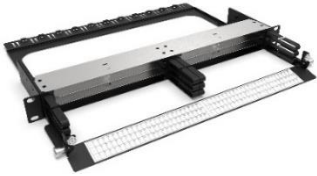
SPECIFICATIONS
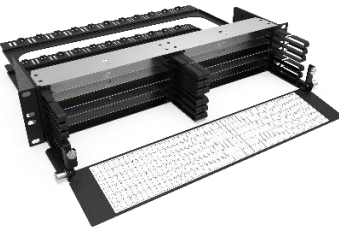
Parameters	Units	SM MPO	SM LC	MM MPO	MM LC
Avg/Max IL – Standard	dB	≤ 0.25/0.75	≤ 0.20/0.30	≤ 0.60	≤ 0.18/0.30
Return Loss (PC/APC)	dB	≥ 60	≥ 60/65	NA	NA
Avg/Max IL– Premium	dB	≤ 0.10/0.35	≤ 0.12/0.15	≤ 0.10/0.35	≤ 0.12/0.15
Return Loss (PC/APC)	dB	≥ 60	≥ 60/65	NA	NA

ORDER INFORMATION

Product	Part Number	Product Description
	NGXCA01X	NGX Module 1xMPO-24 (ELITE) M-LC/UPC 24FO SMF OS2 100G to 10G Base-24 (Blue)
	NGXCA02X*	NGX Module 1xMPO-24 (ELITE) M-LC/UPC 24FO MM OM3/OM4 100G to 10G Base-24 (Aqua)
	NGXCA03X	NGX Module 1xMPO-24 (ELITE) M-LC/APC 24FO SMF OS2 100G to 10G Base-24 (Green)

* Add 'V' at the end of the Part Number for LC Adapters in Erika Violet color. (Example: NGXCA02XV)
Note: MTP®/MPO from Usconec available on request.

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