

NGX CASSETTE TRANSITION 16FO BASE-8 MPO-LC - NGXCA03Q



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NEXCONEC® MPO TRANSITION NGX cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 40G/100G applications to interconnect backbone with discrete connections. The NGX cassettes are designed to easy 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 2x 8f MPO-LC fanouts, while the 40G to 10G version can hold 1 24f MPO-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


SPECIFICATIONS

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

ORDER INFORMATION

Product	Part Number	Product Description
	NGXCA03Q	NGX Transition Module 40G-10G 16FO SMF OS2 LC - 2xMPO(M) Elite 8FO
	NGXCA04Q	NGX Transition Module 40G-10G 16FO MM OM4 LC 2xMPO(M) Elite 8FO

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