

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



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NEXCONEC<sup>®</sup> 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 easily plug into NEXCONEC NGX 1U 6 slot panel. The MPO and single ferrule connectors are available in Standard and Elite versions to cater to customer's power budget requirements. For the 40G to 10G version, each cassette can hold 2x 8f MPO-LC fanouts, while the 100G 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	≤ 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
	<b>NGXCA03Q</b>	NGX Transition Module 40G-10G 16FO SMF OS2 LC - 2xMPO(M) Elite 8FO
	<b>NGXCA04Q</b>	NGX Transition Module 40G-10G 16FO MM OM4 LC 2xMPO(M) Elite 8FO

## RELATED PRODUCTS AND ACCESSORIES

Product	Part Number	Product Description
	<b>NGXPP01</b>	1U 6 Slots NGX Modular Patch Panel Unloaded

	<p><b>NGXPP02</b></p>	<p>1U 6 Slots NGX Angled Modular Patch Panel Unloaded</p>
	<p><b>NGXPP03</b></p>	<p>1U 6 Slots NGX Hybrid Modular Patch Panel Unloaded</p>
	<p><b>NGXPP04</b></p>	<p>NGX Hybrid Angled Modular Chassis 1U Fiber/Copper (6 Fiber NGX Slots / 12P KJ) Unloaded</p>
	<p><b>NGXPP21</b></p>	<p>2U 12 Slots NGX Modular Patch Panel Unloaded</p>
	<p><b>NGXBK01</b></p>	<p>Zero RU NGX Bracket, 3 Slots Unloaded</p>