

## NGX CASSETTE 16FO 1x(BASE-16) MPO-LC - NGXCA08K



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NEXCONEC® MPO NGX cassettes are pre-terminated modules MPO-LC fanouts that are suitable for up to 800G 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 offered with Elite performance to meet customer's tight power budget requirement.

### FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ Shuttered dust proof LC adapters
- ✓ Available in standard Single mode and Multimode fiber options
- ✓ Polarity Tx/Rx ("Method B")
- ✓ RoHS, REACH & SVHC compliant, Materials Conflict compliant
- ✓ Flame retardant ABS+PC material




### APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus Wide Network
- ✓ Broadband network
- ✓ Supports 800G QSFP-DD/OSFP DR8 and 800G OSFP XDR8 optics direct connection and supporting 800G transmission for Hyperscale Data Center
- ✓ 800G to 100G transition




## SPECIFICATIONS

Parameters	Units	SM MPO	SM LC	MM MPO	MM LC
Avg/Max IL – Standard	dB	$\leq 0.40/0.75$	$\leq 0.20/0.30$	$\leq 0.60$	$\leq 0.18/0.30$
Return Loss (PC/APC)	dB	$\geq 60$	$\geq 55/60$	NA	NA
Avg/Max IL– Premium	dB	$\leq 0.20/0.35$	$\leq 0.12/0.15$	$\leq 0.20/0.35$	$\leq 0.12/0.15$
Return Loss (PC/APC)	dB	$\geq 60$	$\geq 55/60$	NA	NA

## ORDER INFORMATION

Product	Part Number	Product Description
	<b>NGXCA08K</b>	NGX Transition Module 16FO 1x(Base-16) MPO(M)Elite-LC SM OS2
	<b>NGXCA09K</b>	NGX Transition Module 16FO 1x(Base-16) MPO(M)Elite -LC/APC SM OS2
	<b>NGXCA10K</b>	NGX Transition Module 16FO 1x(Base-16) MPO(M)Elite -LC MM OM3/4 Aqua

## RELATED PRODUCTS AND ACCESSORIES

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