

NGX CASSETTE MTP®/MPO BASE-12 - **NGXCAxx**



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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 easy plug into NEXCONEC NGX 1U 6 slot panel and each chassis can populate up to 144F. The MPO and single ferrule connectors are available in Standard and Elite versions to cater 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
- ✓ Available in Polarity A/B/C as per TIA/EIA-568-C.3
- ✓ 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 SFP, QSFP, CFP applications
- ✓ 100G to 10G/ 40G to 10G transition

SPECIFICATIONS

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
	NGXCA01	NGX Module MPO (ELITE) M-LC/UPC Premium 24FO SMF OS2 Polarity A/C Base-12
	NGXCA02	NGX Module MPO (ELITE) M-LC/APC Premium 24FO SMF OS2 Polarity A/C Base-12
	NGXCA03	NGX Module MPO (ELITE) M-LC Premium 24FO MM OM3/4 Polarity A/C Base-12
	NGXCA04	NGX Module MPO (ELITE) M-SC/UPC Premium 12FO SMF OS2 Polarity A/C Base-12
	NGXCA05	NGX Module MPO (ELITE) M-SC/APC Premium 12FO SMF OS2 Polarity A/C Base-12
	NGXCA06	NGX Module MPO (ELITE) M-SC Premium 12FO MM OM3/4 Polarity A/C Base-12
	NGXCA07	NGX Module MPO (ELITE) M-LC Premium 24FO MM OM5 Polarity A/C Base-12

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