



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 easily 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 AND APPLICATIONS

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- Available in standard Singlemode and Multimode fiber options
- Available in 12, and 24 fibre 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
- 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

SPECIFICATION

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	NA	NA

ORDERING INFORMATIONS

PN	Product Description
NGXCA01	NGX Module MPO (ELITE)M-LC/UPC Premium 24FO SM G657A1 Polarity A/C
NGXCA02	NGX Module MPO (ELITE)M-LC/APC Premium 24FO SM G657A1 Polarity A/C
NGXCA03	NGX Module MPO (ELITE)M-LC Premium 24FO MM OM3/4 Polarity A/C
NGXCA04	NGX Module MPO (ELITE)M-SC/UPC Premium 12FO SM G657A1 Polarity A/C
NGXCA05	NGX Module MPO (ELITE)M-SC/APC Premium 12FO SM G657A1 Polarity A/C
NGXCA06	NGX Module MPO (ELITE)M-SC Premium 12FO MM OM3/4 Polarity A/C



RELATED PRODUCTS AND ACCESSORIES

Part Number	Product Description
NGXPP01	1U 6 slots NGX Modular Patch Panel Unloaded
NGXPP02	1U 6 slots NGX Angled Modular Patch Panel Unloaded

