

MPO-LC Intelligent Cassette



Norden MPO-LC Fiber Optic Cassettes are used for real-time physical network monitoring and management. Designed to support rapid and easy deployment of inter-connect, cross-connect and fibre channel applications mainly in data centres, telecommunication rooms, storage area networks, horizontal, backbone and entrance facilities.

COMPLIANCE

TIA/EIA-604 FOCIS-5
 TIA/EIA-604 FOCIS-10
 ISO/IEC 11801
 TIA/EIA-568-C.3
 TIA/EIA-568-D.3
 IEEE 802.3bm 2015(100G/40G)
 Flammability UL94-V0
 RoHS Compliant

FEATURES

Base-12, 24 Fibers, MPO-LC Modular Cassettes
 Up to 4 cassettes in TRAY (96 fibres in 1RU)
 Front Connectivity: 12 LC-Duplex adapters
 Rear connectivity: 2 MTP/MPO Adapters
 Fiber Types:
 Multimode - OM4/OM5, Bend Insensitive
 Single mode -OS2, G657A2
 Compatible with hardware including Tray, Collector, Scanning Cards and F/O patch cords
 Port numbering and port LED identification
 Push button for manual port scanning
 Hot-Swap plug and play cassettes

TECHNICAL SPECIFICATIONS

Plastic cassette materials	PC/ABS Resin
Flammability rate	Flame Retardant, UL 94-VO
Number of Fibers	24 Fibers Per Cassette (96 Fibers per 1RU)
Single Mode Fiber Type	9/125µm, G657A2

MPO-LC Intelligent Cassette

Single Mode Fiber Attenuation	≤ 0.40 dB/km at 1310nm and ≤ 0.30 dB/km at 1550nm
Multimode Fiber Type	50/125 μm, OM4, OM5, Bend-Insensitive
Multimode Fiber Attenuation	≤ 2.5 dB/km at 850nm and ≤ 0.7 dB/km at 1300nm
12 Front LC Duplex Adapters with Dust Covers	MM OM4 - Aqua MM OM5 - Lime-Green SM - Blue
Performance	LC SM Connectors: Average IL 0.15dB, Max IL 0.2dB, RL ≥ 50dB LC MM Connectors: Average IL 0.15dB, Max IL 0.2dB, RL ≥ 36dB MPO SM Connectors: Average IL 0.2dB, Max IL 0.35dB, RL ≥ 65dB MPO MM Connectors: Average IL 0.2dB, Max IL 0.35dB, RL ≥ 25dB
Durability	≤ 0.2dB & 500 mating cycles
Operating temperature	-20°to +60°C
Storage temperature	-25°to +70°C
Weight	410 g
Packaging Weight	600 g
Cassette Dimensions (HxWxD)	41x105x135mm
Shipping Dimensions (HxWxD)	90x165x200mm

ORDERING INFORMATION

Part Number	Description
NXF1M2L22AOS2X	2xMPO12/UPC Male-LC/UPC Duplex SM G652.D, Type A ,Loaded Intelligent MPO-LC Cassette