

PRODUCT SPECIFICATION

MPO CASSETTE

INTRODUCTION

LUX's MPO Cassettes are designed for Data Center Solutions supporting topologies specified in Data Center Standards (EN 50173-5 and ISO/IEC 24764). MPO cassettes connected with MPO trunk or MPO patch cables provide the possibility to make cross-connections or inter-connections to end equipment.

MPO Cassettes are available in 2 options: MPO – LC (12 fibers), MPO – LC (24 fibers). These cassettes are available in OS2, OM3 & OM4 and straight and pair flipped wire map polarity options.



TECHNICAL INFORMATION

Max. Capacity	24port (LC)
Dimension:	38mm (H) x 102mm (W) x 116mm (D)

Material	Aluminum
-----------------	----------

Color	Black (RAL 9004) Grey (RAL 7035)
--------------	-------------------------------------

Optical Performance (MPO+LC)	<u>Standard:</u> Cassette Insertion Loss (IL): 0.9dB (OS2/OM3/OM4/OM5)
-------------------------------------	---

	<u>Low Loss:</u> Cassette Insertion Loss (IL): 0.5dB (OS2/OM3/OM4/OM5)
--	---

FEATURES AND BENEFITS

- Quick & Easy installation
- Up to 50% space saving due to high density
- 12 or 24 LC connections available for option
- Improve fiber patch cable management

ENVIRONMENTAL PROPERTIES

Storage and shipment temperature:	- 20°C to 70°C
--	----------------

Operating and Installation temperature:	- 20°C to 70°C
--	----------------

Restriction of Hazardous Substances (RoHS) Compliance:	All materials & components meet the requirements of Directive 2002/95/EC.
---	---

ORDERING PART NUMBER

Example: MPC-12SMSDBLA = 12F Singlemode Fiber Cassette - Standard loss Type A (Black)

Character	M	P	C	–	A	B	C	D	E	F	G	H	I
Example	M	P	C	–	1	2	S	M	S	D	B	L	A

AB – FIBER COUNT	CD – FIBER TYPE	EF – OPTICAL PERFORMANCE	G – COLOR	H – POLARITY
12 = 12 Fiber 14 = 24 Fiber (1x24F) 24 = 24 Fiber (2x12F)	SA = LC APC SM = LC PC M3 = OM3 M4 = OM4 M5 = OM5	SD = Standard Loss LL = Low Loss	BL = Black GY = Grey	A = Type A B = Type B C = Type C U = Type U (Only for 1x24F)

The information and specification in this document are subjected to change without notice