

HD, MPO-LC Fiber Cassette

Features And Benfits



- Standard LC / SC / MPO adapters
- Low loss performance
- Available in Base-8, Base-12 or Base-24 configurations
- Clear port identification and traceability
- Facilitates easy upgrade to 40G
- Compatible with HD enclosure 1U, 2U

MPO to LC cassette allow users to convert Base-8 Base-12 or Base-24 MPO trunk cables to Base-2 LC-DX adaptors to match the transceivers of nearby switches and servers. The MPO connection at the rear of the cassette provides a high degree of flexibility. The front of adapter can choose LC-DX or SC-SX type.

The cassette are available with low-loss or standard-loss performance depending on the application and distance.

Technical Data

Mechanical Data	Value
Dimensions (WxDxH)	Type A: 26mm (1.02") x 93mm (3.66") x 133.5mm (5.25") Type B: 22mm (0.87") x 93mm (3.66") x 133.5mm (5.25")
Weight	0.185 kg
Material / Colour	Aluminum (Powder coated), Plastic ABS+PC/Black
Adapter Type Front	LC-DX/SC-SX adaptor
Adapter Quantity Front	4 (Base-8), 6 (Base-12), 12 (Base-24)
Adapter Colour Front	Blue, Green (APC), Aqua, Violet

Optical Data	Value	
Fiber Mode	OS1/OS2/G657-9/125 bend insensitive (A.1 or A.2) or OM1/2/3/4/5	
Test Wavelength	1310nm/1550nm (Singlemode), 850nm/1300nm (Multimode)	
Insertion Loss (MTP/MPO)	Low	Singlemode ≤ 0.35 dB, Multimode ≤ 0.35 dB
	Standard	Singlemode ≤ 0.50 dB, Multimode ≤ 0.50 dB
Insertion Loss (LC)	Low	Singlemode ≤ 0.15 dB, Multimode ≤ 0.15 dB
	Standard	Singlemode ≤ 0.30 dB, Multimode ≤ 0.30 dB
Return Loss	Singlemode UPC ≥ 55 dB APC ≥ 65 dB Multimode UPC ≥ 25 dB	

Environmental Data

Description	Value
Flammability Rating	UL94-V0
Fully Compliant	IEC 61754, TIA/EIA 568

Ordering Information

-	X	X	X	X	X	X	X	X
Type	Front	Rear	Rear Side	Fiber Mode	Insertion Loss	Count	Polarity	Jacket
HDCA	1=LC/UPC	1=MPO/UPC	1=Male	1=OS1	1=Low loss	1=8	1=A	1=LSZH
HDCB	2=LC/APC	2=MPO/APC	2=Female	2=OS2	2=Standard loss	2=12	2=B	2=PVC
	3=SC/UPC	3=MTP/UPC		3=OM1		3=16	3=C	3=OFNR
	4=SC/APC	4=MTP/APC		4=OM2		4=24	4=other	4=OFNP
				5=OM3				
				6=OM4				
			7=OM5					

Note : SC Connector Capacity Max. 12F.

Example:

HDC 11121411 Means : High Density Cassette, LC/UPC-MPO/UPC, Male, OS2, Low Loss, 24F, Polarity A, LSZH.