

FHD 4 SLOTS MPO-LC PATCH FRAME

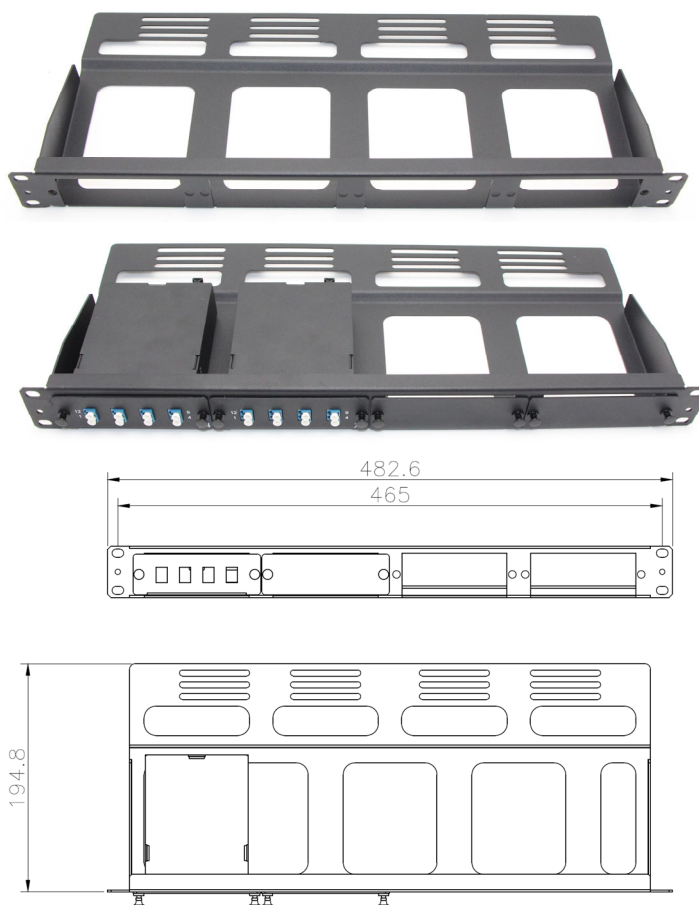
1U 19' 96F FIXED OPTICAL CHASSIS LOADING WITH 4XMPO-LC CASSETTES



Description

The 1U MPO-LC Fixed Patch Frame is a high-density, 19-inch rack-mount fiber distribution chassis designed for data center, enterprise and telecommunication applications. It occupies one rack unit (1U) of a standard 19-inch rack and provides four (4) MPO-LC module slots, each accepting one standard MPO-LC cassette module or adapter panel. With four 24F cassettes installed, the chassis manages up to 96 fibers and 96 LC ports in a single rack unit.

The chassis converts high-density MPO/MTP trunk connections on the rear into individual LC duplex patch connections on the front. It enables efficient break-out, patching and management of high-fiber-count backbone links, such as those used in 40G/100G/200G/400G networks, while keeping a small footprint and easy front access for moves, adds and changes (MACs).



Technical Specifications

Product name	FHD 1U 96F MPO&MTP-LC Standard Fixed rack mount Rear Open Patch panel-4 Cassette modules design	Part No.	FHD2F3-4 (CRS Cold rolled steel) FHD2F4-4 (Aluminum alloy)
Enclosure Type	19' Rack Mountable	Fiber Count	Max.96 Fibers
Installation	Standard EIA 19" Rack	Material	CRS Cold rolled steel or Aluminum alloy
Compliant	TIA/EIA-568-C.3	Dimensions (HxWxD)	482.6mm*194.8mm*1U

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MPO-LC Module Cassette

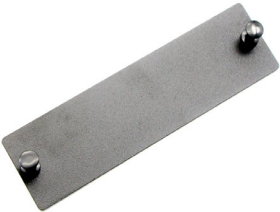
1 x 8F MPO to 4x LC duplex	Front ports	Rear port	Material	Dimension(mm)
	4x LC duplex (12 LC)	1 x MPO-12	CRS Cold rolled steel or Aluminum alloy	109*118*36.5
1 x 12F MPO to 6x LC duplex	Front ports	Rear port	Material	Dimension(mm)
	6x LC duplex (12 LC)	1 x MPO-12	CRS Cold rolled steel or Aluminum alloy	109*118*36.5
1 x 24F MPO to 12x LC duplex	Front ports	Rear port	Material	Dimension(mm)
	12x LC duplex (12 LC)	1 x MPO-12&24	CRS Cold rolled steel or Aluminum alloy	109*118*36.5
2x12F MPO to 12x LC duplex	Front ports	Rear port	Material	Dimension(mm)
	12x LC duplex (24 LC)	2 x MPO-12&24	CRS Cold rolled steel or Aluminum alloy	109*118*36.5
3 x 12F MPO to 6x LC Quad	Front ports	Rear port	Material	Dimension(mm)
	6x LC Quad (24 LC)	3 x MPO-12&24	CRS Cold rolled steel or Aluminum alloy	109*118*36.5

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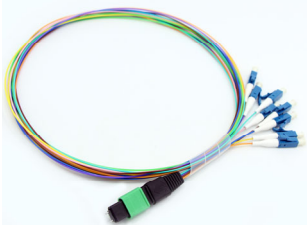
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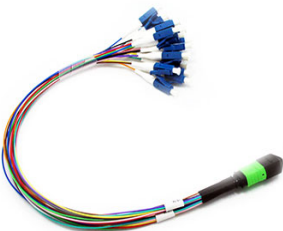
MPO-LC Module Cassette

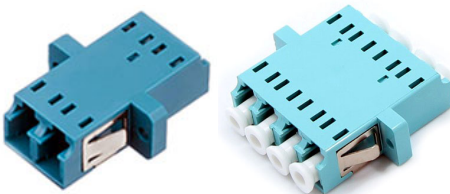
Blank plate	Front ports	Rear port	Material	Dimension(mm)
	/	/	CRS Cold rolled steel or Aluminum alloy	109*36.5

Other Accessories

8F MPO-LC 0.9mm fanout 30cm	End A	End B	Optical Performance
	1x8F MPO&MTP (Male) with Pin	8x LC simplex 0.9 connectors	Standard MPO IL<0.5dB Super low loss MPO IL<0.35dB LC 's IL<0.3dB

12F MPO-LC 0.9mm fanout 30cm	End A	End B	Optical Performance
	1x12F MPO&MTP (Male) with Pin	12x LC simplex 0.9 connectors	Standard MPO IL<0.5dB Super low loss MPO IL<0.35dB LC 's IL<0.3dB

24F MPO-LC 0.9mm fanout 30cm	End A	End B	Optical Performance
	1x24F MPO&MTP (Male) with Pin	24x LC simplex 0.9 connectors	Standard MPO IL<0.5dB Super low loss MPO IL<0.35dB LC 's IL<0.3dB

MPO Adapter	Optical Performance	LC DX & Quad Adapter	Optical Performance
	IL<0.2dB		IL<0.2dB

Available for Key up-key down and Key up-key up. Available for Full and reduced flange

Available for SM Blue, MM beige, OM3 Aqua, OM4 Magenta. Available for Full and reduced flange

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Order Index

Unloaded Patch Frame

Part no.	Products Details
FHD2F3-4	1U FHD MPO/MTP-LC 96F Open Rear Fixed Rack Mounted Patch Frame-4 cassettes CRS Material
FHD2F4-4	1U FHD MPO/MTP-LC 96F Open Rear Fixed Rack Mounted Patch Frame-4 cassettes Aluminum alloy Material

Full loaded MPO/MTP-LC Cassette

Cassette	Material	MPO adapter	LC adapter	Adapter Port	MPO/MTP Quality level	Fiber mode
FHD2F0- (Blank plate)	1-CRS (SPCC)	0-unloaded	0-unloaded	0-(Blank plate)	0-Unloaded	0- Unloaded
FHD2F1- Cassette	2-Aluminum alloy	1-Opposed (Up-Down)	1-LC Standard Quad no flange	1-(1xMPO-4xLC DX)	1-Standard loss MPO Male Senko	1- G657A1
		2-Aligned (Up-Up)	2-LC DX no flange adapter -SC footprint	2 -(1xMPO-6xLC DX)	2-Super low loss MPO Male Senko	2-G657A2/B2
			3-LC DX with flange adapter -SC footprint	3 -(1xMPO-12xLC DX)	3-Standard loss MTP Male	3-G657B3
				4- (2xMPO-12xLC DX)	4-Super low loss Elite MTP Male	4-BIF OM1
				5- (3xMPO-12xLC DX)	5-Standard loss MPO Male OMC	5-BIF OM2
				6- (3xMPO-6xLC QD)	6-Super low loss MPO Male OMC	6-BIF OM3
				7- (3xMPO-9xLC QD)		7-BIF OM4
						8-BIF OM5

For Example: FHD2F1-1-2-2-3-1-1