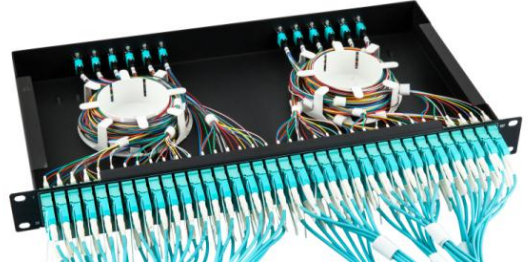# ULTRA HD MPO - LC PATCHING ENCLOSURE

240mm depth rack-mountable HD enclosure in 1U design fits installation environment with space constraint and is the most cost-efficient solution for high density applications.

It supports 144-Fiber per 1U rack space which greatly increases usable density up to 50%, maximizing space utilization in cabinets. Plug-and-play design allows fast installation and deployment.

* Only for illustration purpose, outlet patching cables are not included.
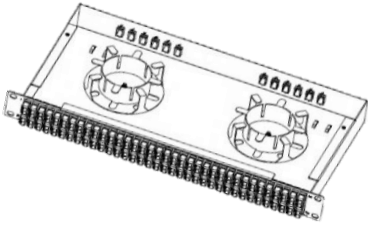
NEW
INCREASE
>50%
PORT DENSITY

KEY FEATURES:

▼ Industry-leading density of 144-Fiber per 1U rack space

▼ Compatible with all 19" EIA standard cabinets and rack system

▼ Slim design with 240mm depth, suitable for space constrained environment

▼ Plug-and-play system reduces cost of on-site deployment

▼ 12- or 24-Fiber MPO connectors terminated with laser optimized fibers

▼ Economical and easy to handle, no tools are required

Specifications

Main Material	Standard offer : Steel
	Option of Aluminum on request
Dimension **Height (U) x Width (W) x Depth (D)**	1U x 435mm x 240mm
Available Interfaces	12-Fiber MPO (Male) to LC
	24-Fiber MPO (Male) to LC
Available Fiber Modes	Singlemode (OS1/2)
	Multimode (OM1,OM2,OM3,OM4)
Color & Coating	Black Powder Coating
Compliance	RoHS, EIA-310, IEEE802.3ba
Preloaded Units	12-Fiber MPO-LC Hydra Assemblies x 12pcs OR 24-Fiber MPO-LC Hydra Assemblies x 6pcs
	MPO Adapter [at the rear]
	LC Adapter [at the front]
	Cable Management Spools
	Fixed Rackmount Ears [2pcs]

ULTRA HD MPO – LC PATCHING ENCLOSURE

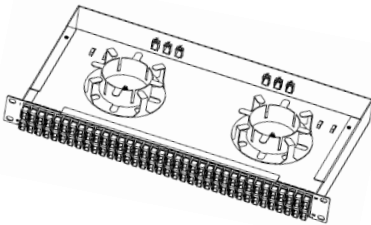◤ **PRELOADED WITH 144-FIBER, 12x12-Fiber MPO-LC HYDRA ASSEMBLIES**

Preloaded:
12pcs of 12-Fiber MPO to LC Hydra Assemblies,
144-Port LC Adapters at the Front,
12pcs of MPO Adapters at the Rear

Item Descriptions			Part No.	
No. of MPO Port	Fiber Mode	Color of LC Adapter	Type A MPO Adapter	Type B MPO Adapter
12 pcs	OS1/2	Blue	HDP12MS1A1D	HDP12MS1B1D
12 pcs	OM1	Beige	HDP12MM1A1D	HDP12MM1B1D
12 pcs	OM2	Beige	HDP12MM2A1D	HDP12MM2B1D
12 pcs	OM3	Aqua	HDP12MM3A1D	HDP12MM3B1D
12 pcs	OM4	Aqua	HDP12MM4A1D	HDP12MM4B1D

[1] The above Part No. refer to using standard MPO connector, please change the last character from "D" to "B" when Low Loss MPO is required.
[2] All MPO-LC patching enclosures are pinned [Male], please contact Olabs when Non-pinned [Female] enclosure is required.
[3] "Straight through" channeling is used for the MPO-LC assemblies, please contact Olabs if other channeling method is used.

◤ **PRELOADED WITH 144-FIBER, 6x24-Fiber MPO-LC HYDRA ASSEMBLIES**

Preloaded:
6pcs of 24-Fiber MPO to LC Hydra Assemblies,
144-Port LC Adapters at the Front,
6pcs of MPO Adapters at the Rear

Item Descriptions			Part No.	
No. of MPO Port	Fiber Mode	Color of LC Adapter	Type A MPO Adapter	Type B MPO Adapter
6 pcs	OS1/2	Blue	HDP24MS1A1D	HDP24MS1B1D
6 pcs	OM1	Beige	HDP24MM1A1D	HDP24MM1B1D
6 pcs	OM2	Beige	HDP24MM2A1D	HDP24MM2B1D
6 pcs	OM3	Aqua	HDP24MM3A1D	HDP24MM3B1D
6 pcs	OM4	Aqua	HDP24MM4A1D	HDP24MM4B1D

[1] The above Part No. refer to using standard MPO connector, please change the last character from "D" to "B" when Low Loss MPO is required.
[2] All MPO-LC patching enclosures are pinned [Male], please contact Olabs when Non-pinned [Female] enclosure is required.
[3] "Straight through" channeling is used for the MPO-LC assemblies, please contact Olabs if other channeling method is used.