Modular MPO-LC Patch Panel

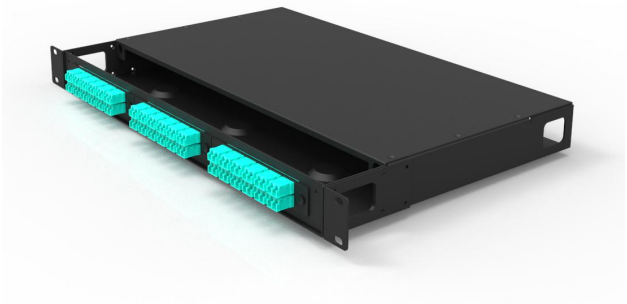
Rack Mount ODU-L14

Overview

The LongXing High Density fiber patch panels are designed to accommodate high density applications in Data Centers and Telecommunication environments. This factory pre-populated and tested Fiber Patch Panel saves on-site installation time and increase reliability. The design of enclosure allows for easy connection to the LC adapters using LongXing’ s multi-fiber optical patch cords (sold separately) and is mountable in a standard 19in or 23in rack or cabinet frame. Maximum expandable to 108 LC ports.

The rack mount MTP/MPO patch panel ODU-L14 is a high density, modular (LX-J MTP/MPO Cassette or LX-K Adapter Plate), fully-loaded LC Flat 1U fiber patch panel. It is a complete Fiber Adapter Panel based turnkey solution with a total of max 108 LC fibers (54 Duplex LC) in 1U. This modular fiber patch panel is factory pre-loaded with Qty. 3 12/24/36 fiber LC Duplex LX-J MTP/MPO Cassettes or 12/24 LX-K Adapter Plates for quick implementations in 10/100G networks.

Features



- UP to 108 Fiber LC Ports in 1U
- Qty. 3 LX-J MTP/MPO Cassettes with 12/24/36 LC
- Qty. 3 LX-K Adapter Plates with 12/24 LC
- Flexibility to Mix Adapter Plates with Cassettes in Patch Panel
- Available in SM, OM1, OM2, OM3 and OM4 fiber grades
- Flat Front Panel for Optimal Cable Routing
- Removable Top for Easier Fiber Cable Management
- Easily Accessible MPO/MTP Ports for Connection to Trunk Cable
- Compliant IEC-61754-7, EIA/TIA-604-5 & RoHS
- Factory terminated and tested
- MPO/MTP components feature superior optical and mechanical properties

Applications

- Data communication applications
- Data Center infrastructure
- Storage Area Network - Fiber Channel
- Emerging 40 and 100Gbps protocols compatible

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ODU-L14 Dimensions and Capability

Height	Dimensions(W*D*H)	Quantity of Cassette/Plate		Max Capacity
		LX-J Cassette	LX-K Plate	
1U	485mm*294mm*44mm	3	3	108

LX-J Cassette Technical Specifications

SPECIFICATION	LX-J-1	LX-J-2	LX-J-3
Total Fiber Count	12	24	36
Front Adapter Type	LC Duplex	LC Duplex	LC Duplex
Front Port Count	6	12	18
Rear Adapter Type	MTP/MPO	MTP/MPO	MTP/MPO
Rear Port Count	1	2	3

LX-K PlateTechnical Specifications

SPECIFICATION	LX-K-1	LX-K-2
Total Fiber Count	12	24
Front Adapter Type	LC Duplex	LC Duplex
Front Port Count	6	12

Operation Conditions

Operating Temperature	-20℃ -- +60℃
Storage Temperature	-40℃ -- +70℃
Humidity	90% at 30℃
Air Pressure	70kPa - 106kPa

Shipping Information

Package Contents	Patch panel, 1 unit
Package Dimensions(W*H*D)	It depends on the dimensions of the product
Material	Carton box
Weight	It depends on the dimensions of the product
Lead Time	10-15 working days normally

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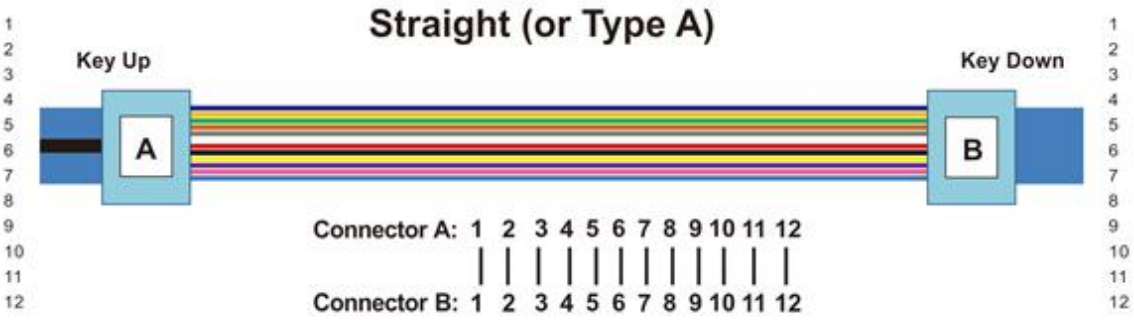
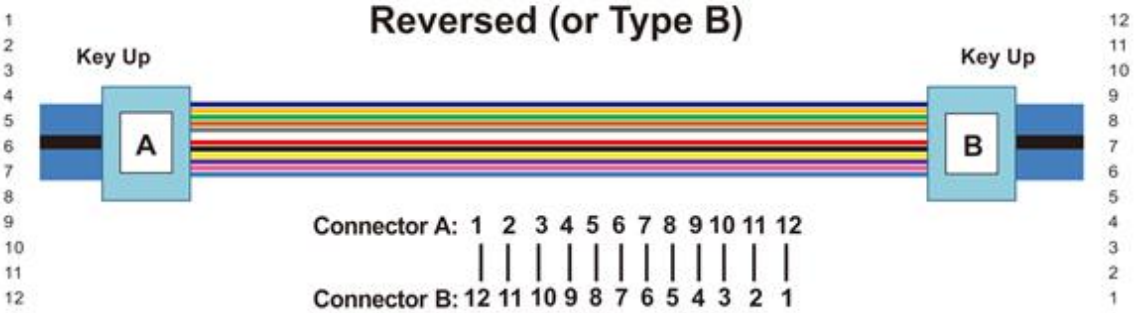
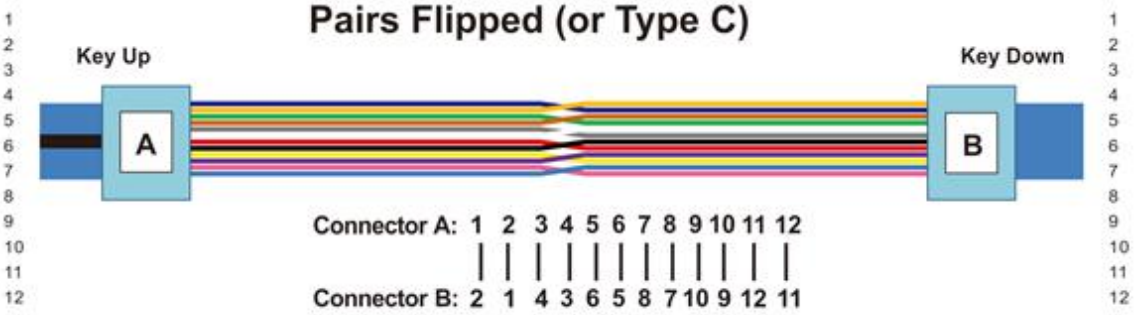
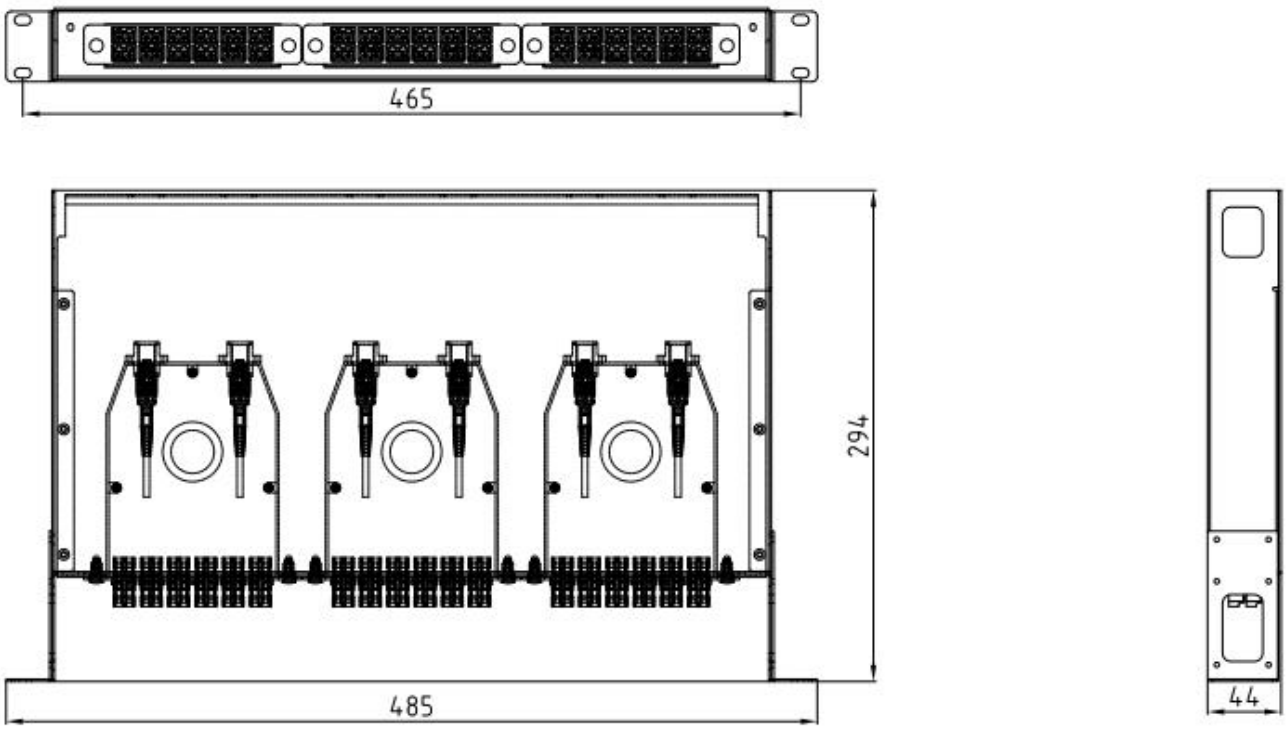
Pre-terminated MTP Technology-Polarity



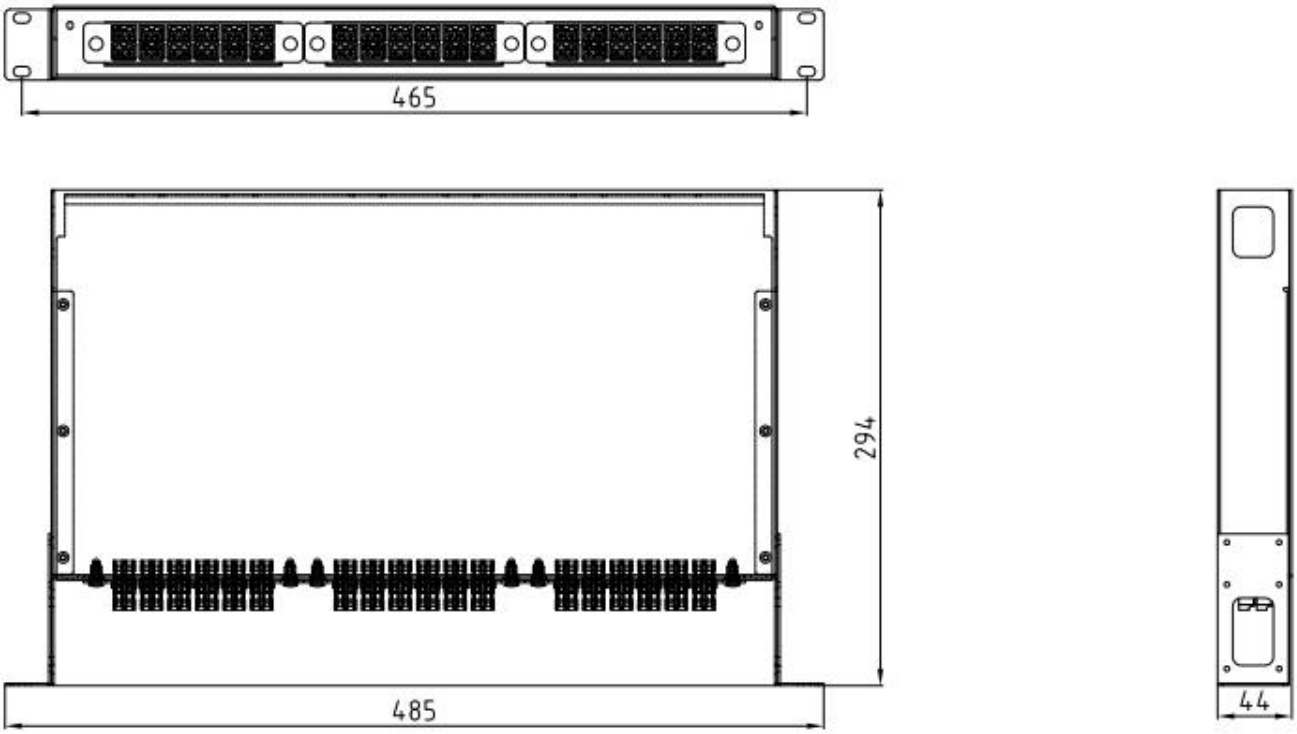




Technical Drawings

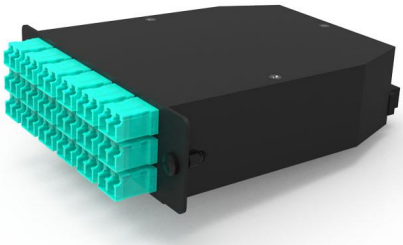


Full-loaded LX-J Cassettes

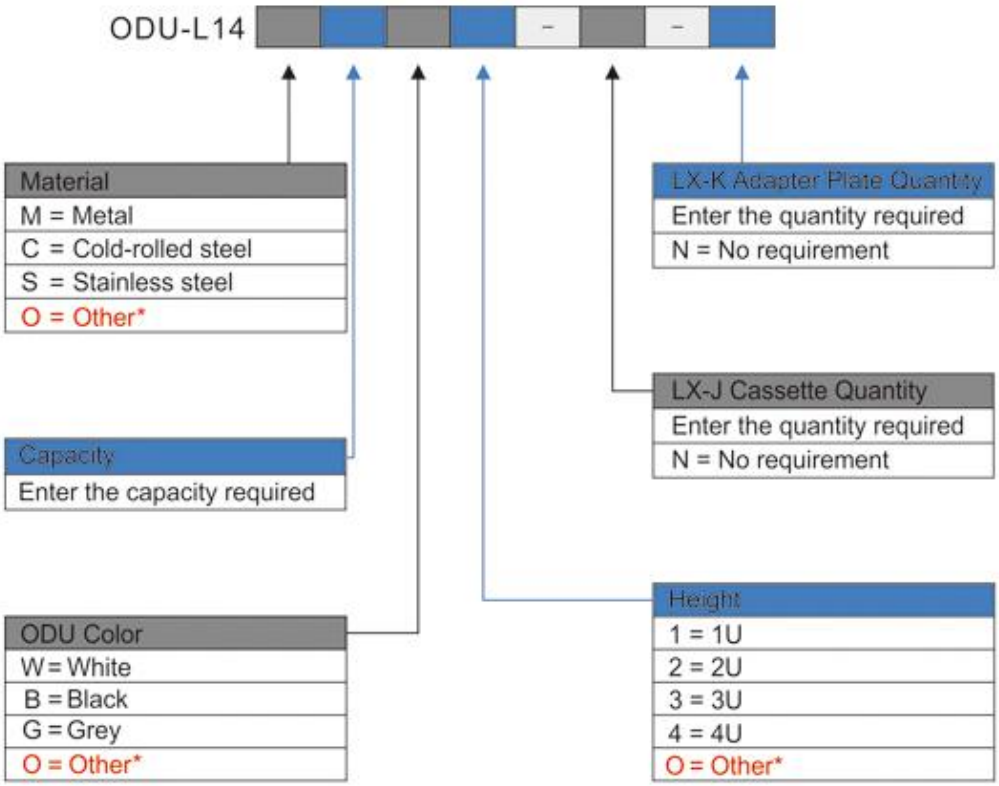


Full-loaded LX-K Plates

Part Details



Catalog Number



Ordering Example:

ODU-L14C72B1-3-N Cold-rolled Steel, 72 Cores, Black ODU, 1U, 3 LX-J Cassettes, No LX-K Adapter Plate.

Note: *If the required type of any item is not on the relevant list, please use "O", "OO" or "OOO" as the red cells indicate, and kindly state the required type in the description of PO.

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