

144 Ports MPO-LC Patch Panel

Ultra High Density 1U Rack Space

Overview

LongXing's Ultra High Density 1U Rack is specially designed to accommodate high density cabling in high end Data Centre and Telecommunication central office environment. Front and rear cable management facilitates provides a neat and tidy solution for managing incoming and exiting cables.

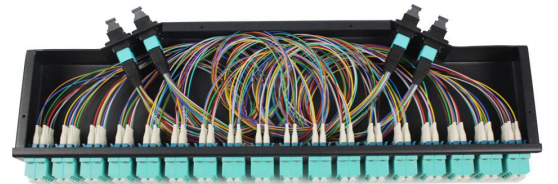
This rack mountable MPO/MTP patch panel ODU-L13 is loaded with 36 LC QUAD connectors, giving it 144 ports total within 1U of rack space. Inside the MPO/MTP patch panel, the fiber is spliced out up to twelve MPO/MTP connectors, giving you an easy plug-and-play option for your high-density fiber application. The 1U 96 fiber MPO/MTP UltraSlim Panel contains factory controlled and tested MPO/MTP-LC assemblies to deliver optical performance and reliability. Low loss MPO/MTP and LC Premium versions are offered featuring significantly improved insertion losses for demanding low power budget, high speed networks.

Features

- 144 LC Fiber Ports in 1RU with Flat Front
- Comprise from 36 QUAD LC adapters at the front and 12 MPO/MTP adapters at the back
- 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



Dimensions and Capability

Total Fiber Count	144
Dimensions(W*H*D)	485mm x120mm x44mm
Fiber Optic Mode	SM OM1 OM2 OM3 OM4
Insert Loss(LC)	0.18(Avg); 0.30(Max)
Return Loss(LC)	> 55/65dB(UPC/APC)

Technical Specification

Front	
Front Adapter Type	LC
Front Port Count	144
Front Port Fiber Count	QUAD
Rear	
Rear Adapter Type	MPO/MTP
Rear Port Count	12
Rear Port Fiber Count	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)	510mm*210mm*120mm
Material	Carton box
Weight	8KG
Lead Time	10-15 working days normally



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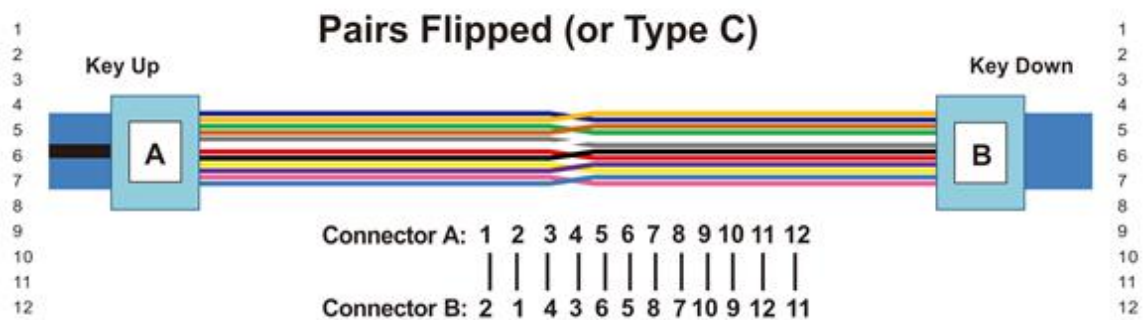
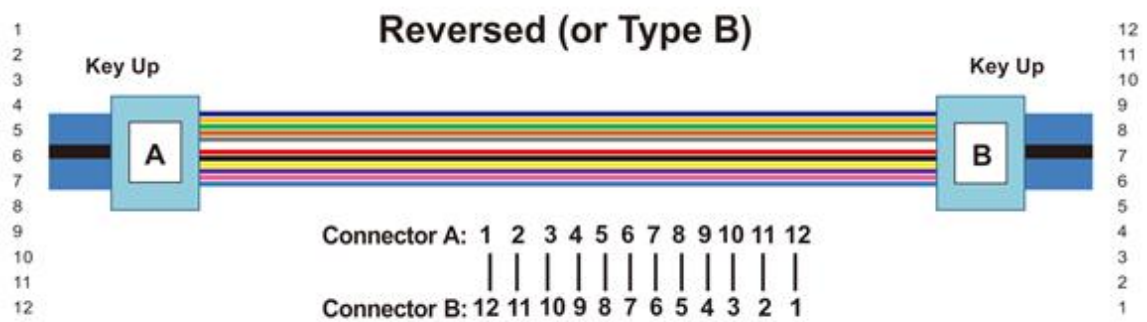
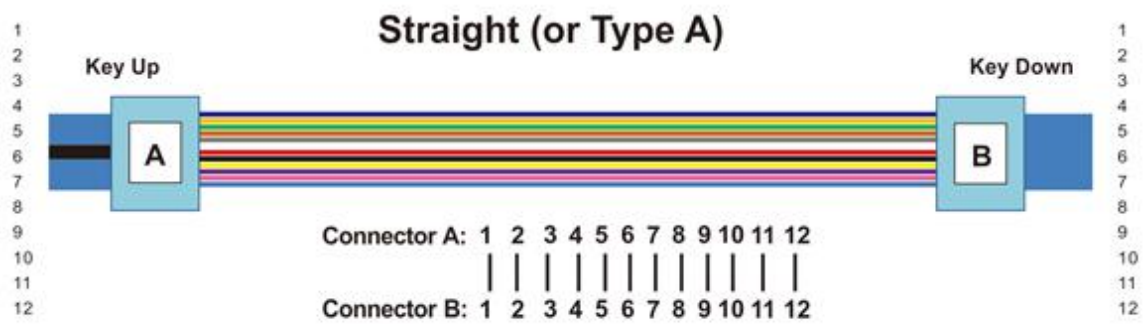
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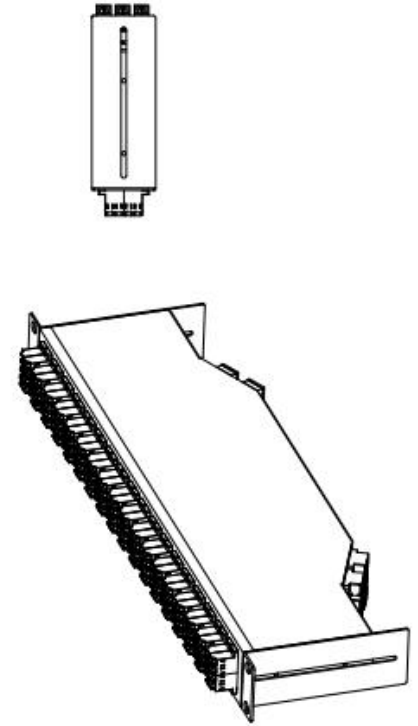
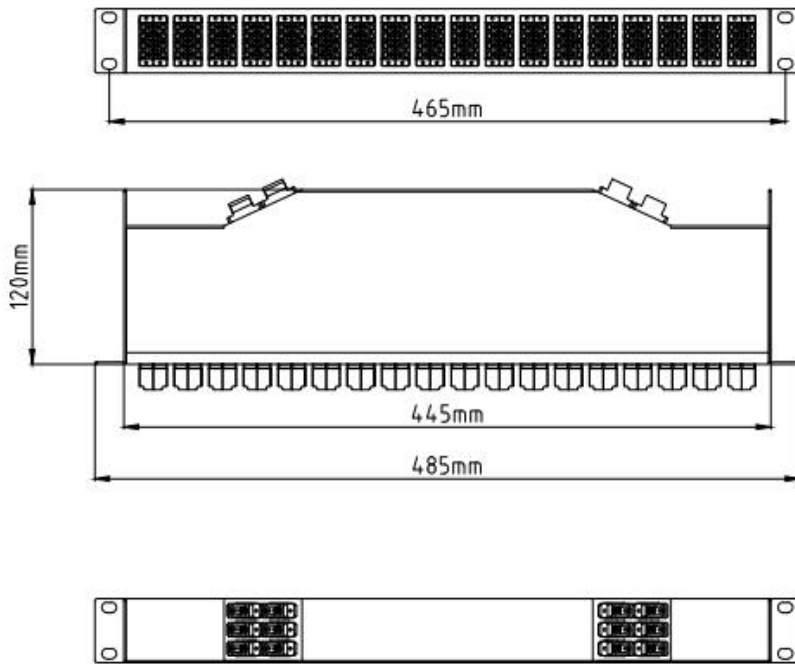
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Structured Cabling Solutions

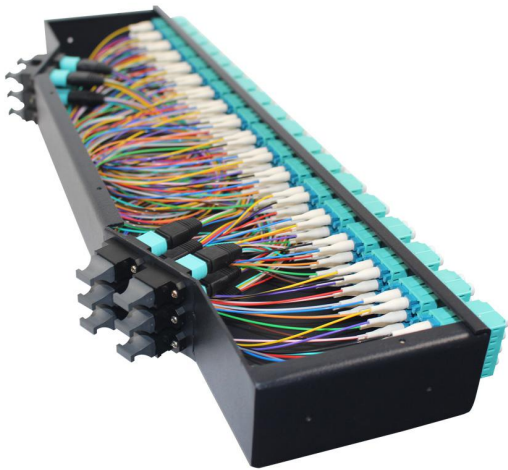
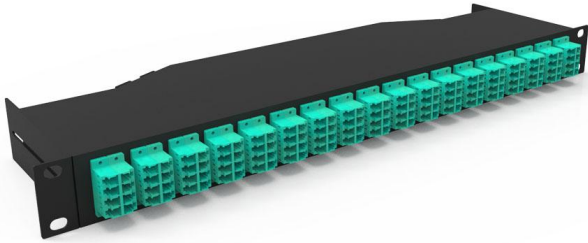
Pre-terminated MTP Technology-Polarity



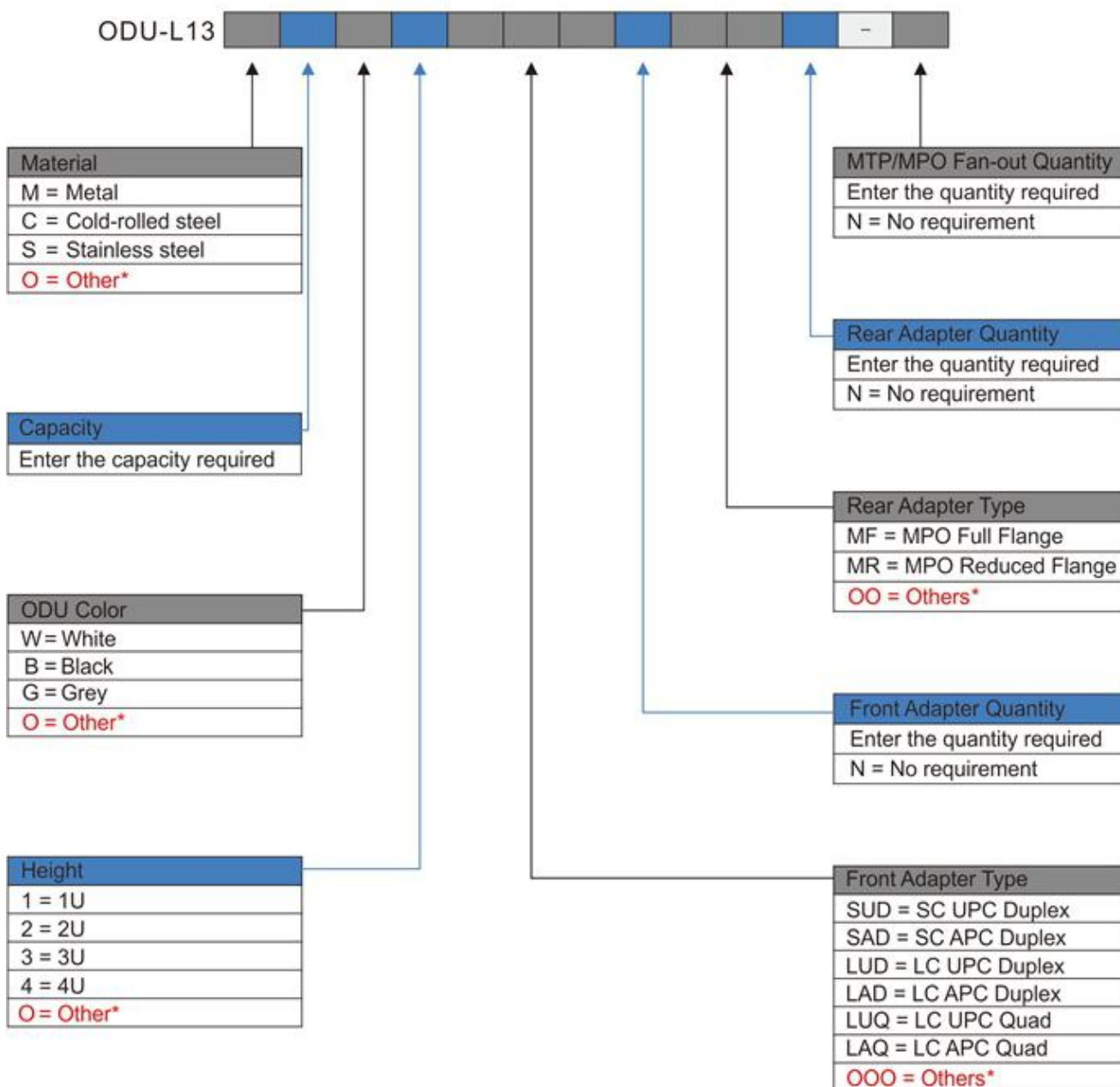
Technical Drawings



Part Details



Catalog Number



Ordering Example:

ODU-L13C144B1LUQ36MR12-12 Cold-rolled Steel, 144 cores, Black ODU, 1U, LC UPC Quad, 36 Front Adapters, MPO Reduced Flange, 12 Rear Adapters, 12 MTP/MPO Fan-out Cables.

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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