

Flat MPO-LC Patch Panel

Ultra High Density

Overview

LongXing's Ultra High Density 1U/2U 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.

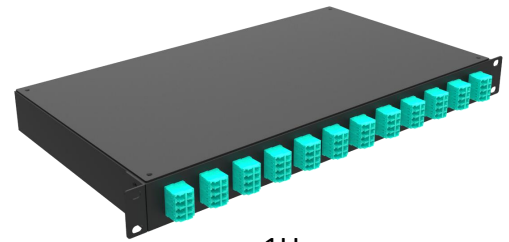
This rack mountable MPO/MTP patch panel ODU-L17 1U Rack is loaded with 24 LC QUAD connectors, giving it 96 ports total within 1U of rack space; 2U Rack is loaded with 120 LC Duplex connectors, giving it 240 ports total within 2U of rack space.

Features

- 96 LC Fiber Ports in 1RU or 240 LC Fiber Ports in 2RU with Flat Front
- Comprise from 24 QUAD/120 Duplex LC adapters at the front and 12 12-fiber/24-fiber 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



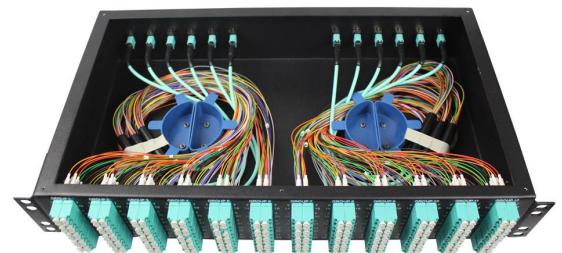
1U



2U



1U



2U



Dimensions and Capability

Total Fiber Count	144
Dimensions(W*H*D)	1U, 485mm*250mm*44mm
	2U, 485mm*250mm*89mm
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	LC
Front Port Count	96	240
Front Port Fiber Count	QUAD	Duplex
Rear		
Rear Adapter Type	MPO/MTP	MPO/MTP
Rear Port Count	12	12
Rear Port Fiber Count	12	24

Operation Conditions

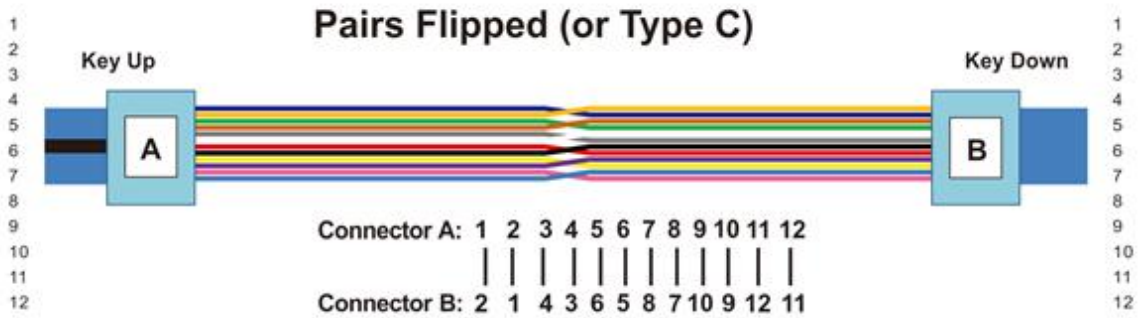
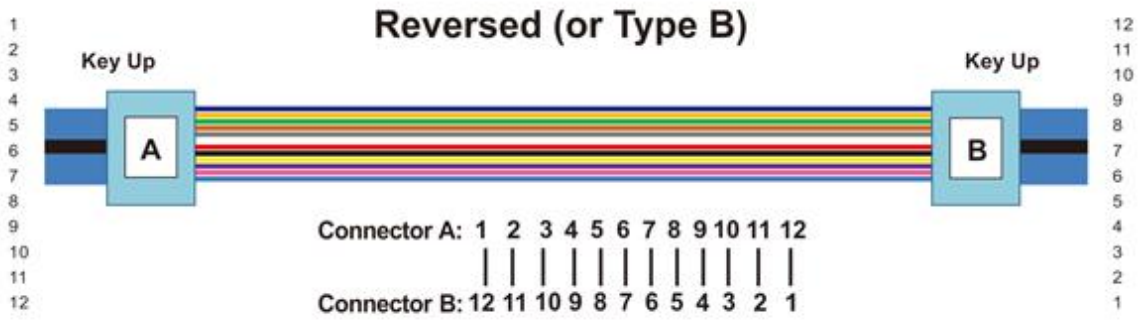
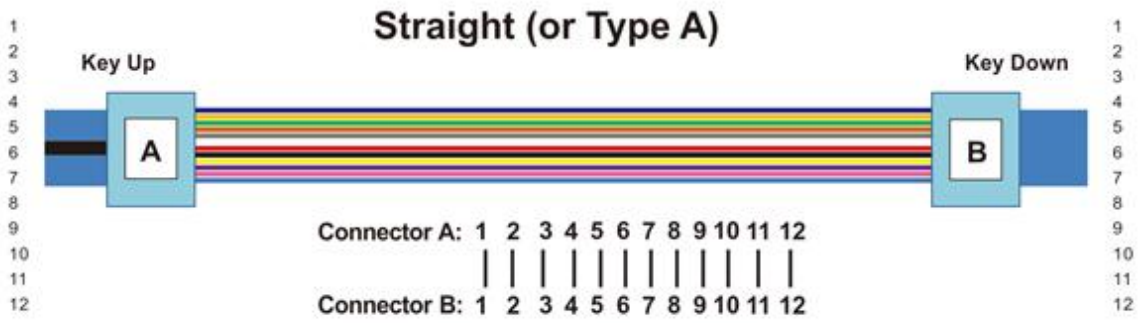
Operating Temperature	-20℃ -- +60℃
Storage Temperature	-40℃ -- +70℃
Humidity	90% at 30℃
Air Pressure	70kPa - 106kPa

Shipping Information

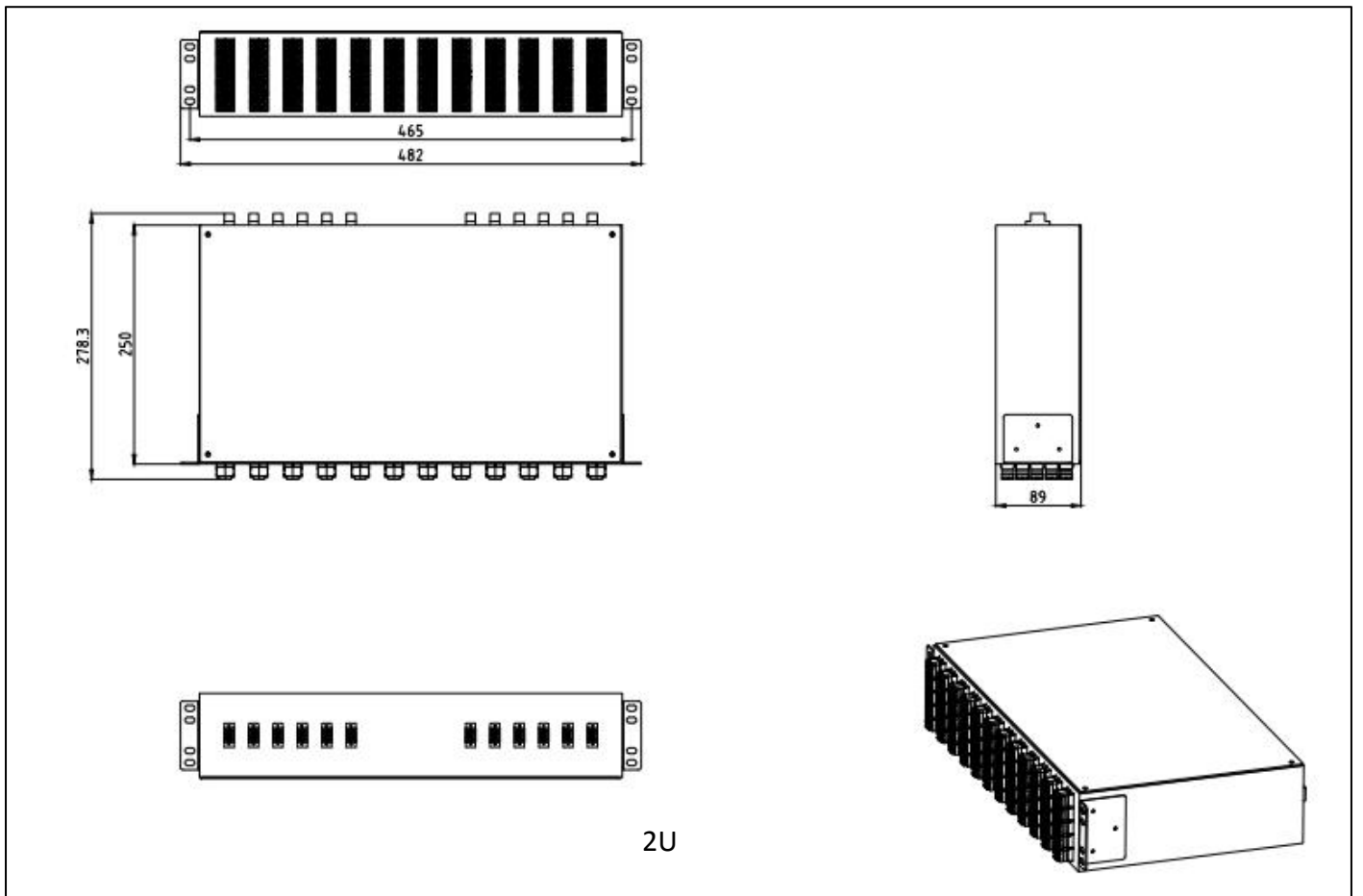
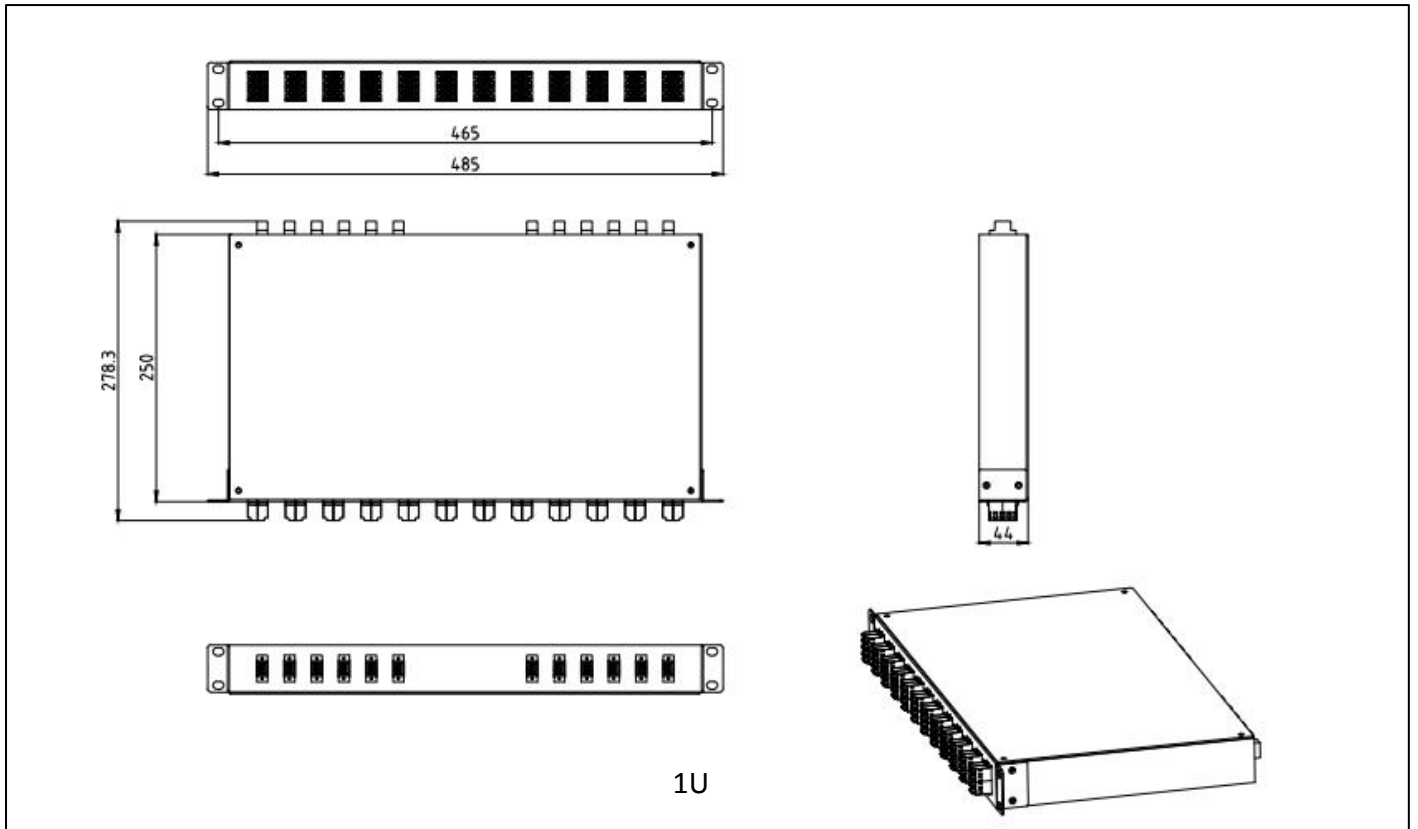
Package Contents	Patch panel, 1 unit
Package Dimensions(W*H*D)	It depends on the dimensions of the product
Material	Carton box
Weight	It depends on the dimensions of the product
Lead Time	10-15 working days normally



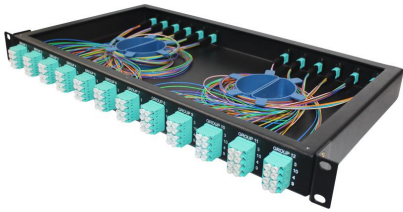
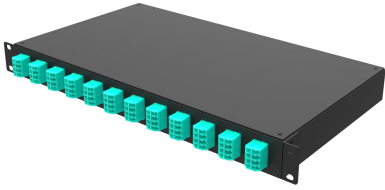
Pre-terminated MTP Technology-Polarity



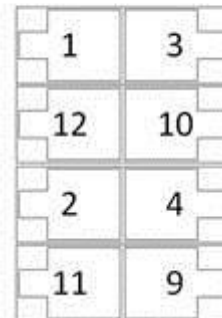
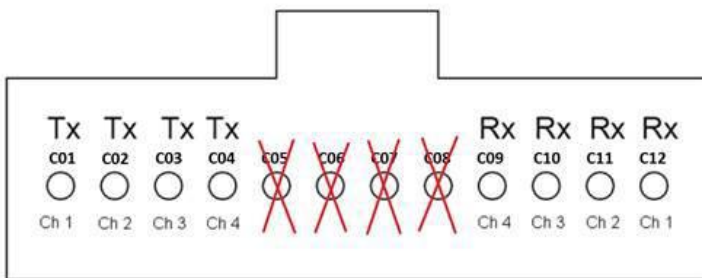
Technical Drawings

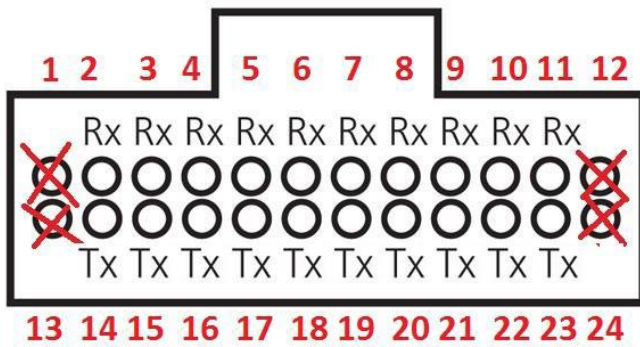
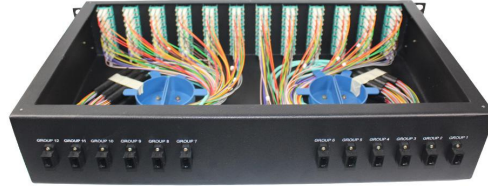


Part Details



GROUP 1





GROUP 1

2	7
14	19
3	8
15	20
4	9
16	21
5	10
17	22
6	11
18	23



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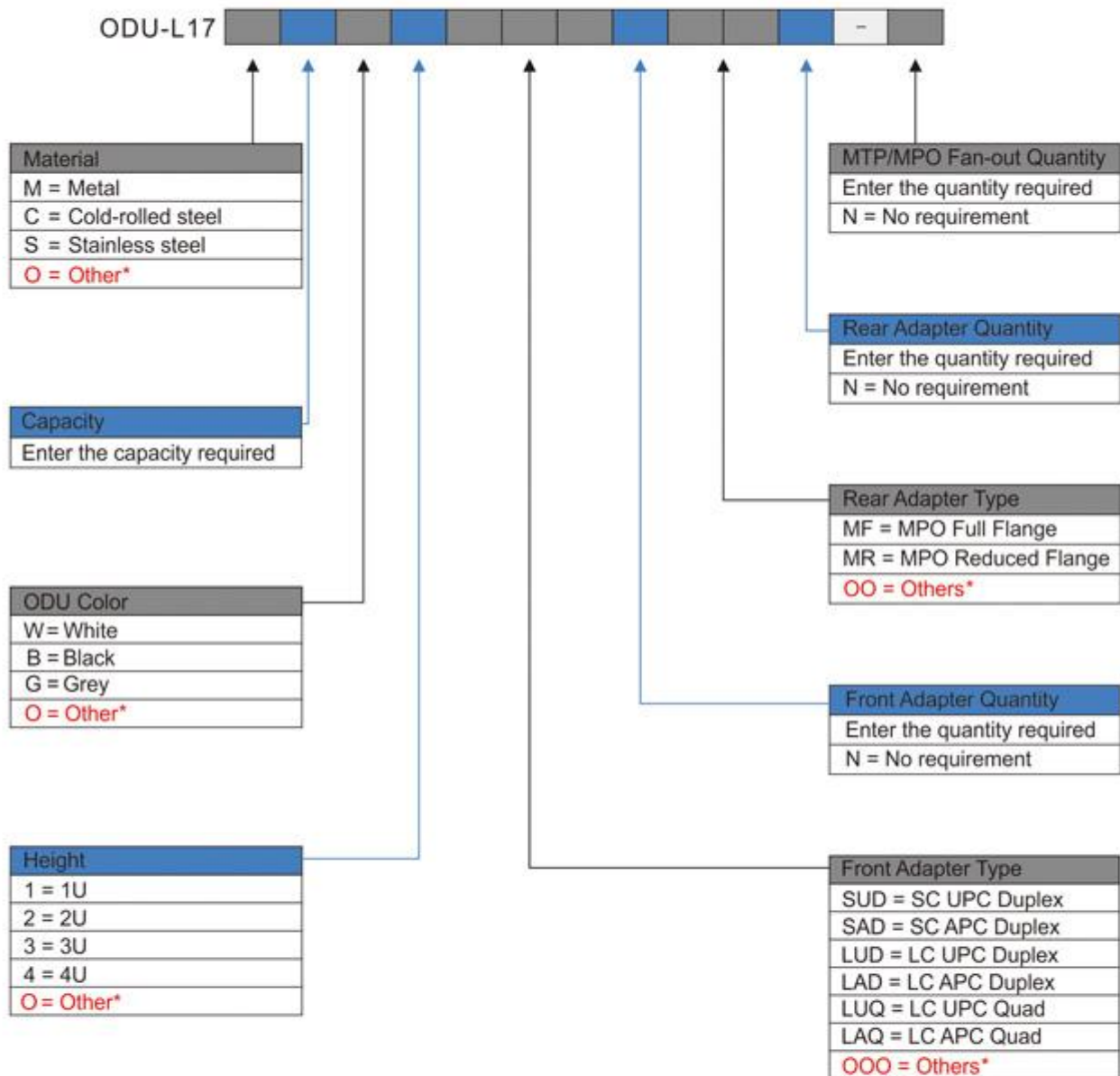
+86 574 87908188

Ver: 270616

LONGXING

Structured Cabling Solutions

Catalog Number



Ordering Example:

ODU-L17C96B1LUQ24MR12-12 Cold-rolled Steel, 96 cores, Black ODU, 1U, LC UPC Quad, 24 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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