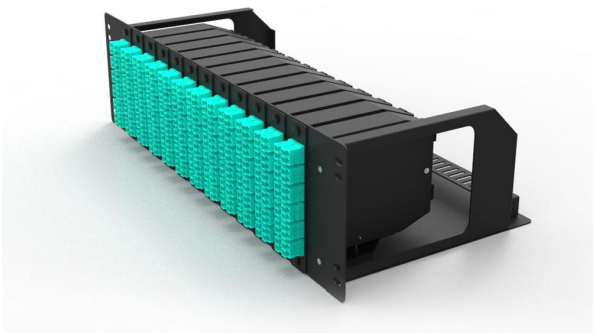
# Modular 3U MPO-LC Patch Panel

## Rack Mount ODU-L15

## 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 288 LC ports.



The rack mount MTP/MPO patch panel ODU-L15 is a high density, modular (LX-J MTP/MPO Cassette or LX-K Adapter Plate), fullyloaded LC Flat 3U fiber patch panel. It is a complete Fiber Adapter Panel based turnkey solution with a total of max 288 LC fibers (144 Duplex LC) in 3U. This modular fiber patch panel is factory preloaded with Qty. 12 12/24 fiber LC Duplex LX-J MTP/MPO Cassettes (LX-K Adapter Plates ) or Qty. 8 36 fiber LC Duplex LX-J MTP/MPO Cassettes for quick implementations in 10/100G networks.

## Features

- UP to 288 Fiber LC Ports in 3U
- Qty. 12 LX-J MTP/MPO Cassettes with 12/24 LC
- Qty. 8 LX-J MTP/MPO Cassettes with 36 LC
- Qty. 12 LX-KMTP/MPO 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

LongXing Telecom
LongXing Telecom
LongXingTelecom
Anju Road, Beilun District, Ningbo, China
info@lxtelecom.com
www.lxtelecom.com
+86 574 87908988
+86 574 87908188
Ver: 160616
LONGXING
Structured Cabling Solutions

## ODU-L15 Dimensions and Capability

| Height | Dimensions(W*D*H) | Quantity of Cassette/Plate | | | | Max Capacity |
|---|---|---|---|---|---|---|
| | | LX-J-1 Cassette | LX-J-2 Cassette | LX-J-3 Cassette | LX-K Plate | |
| 3U | 485mm*230mm*132mm | 12 | 12 | 8 | 12 | 288 |

## 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 |

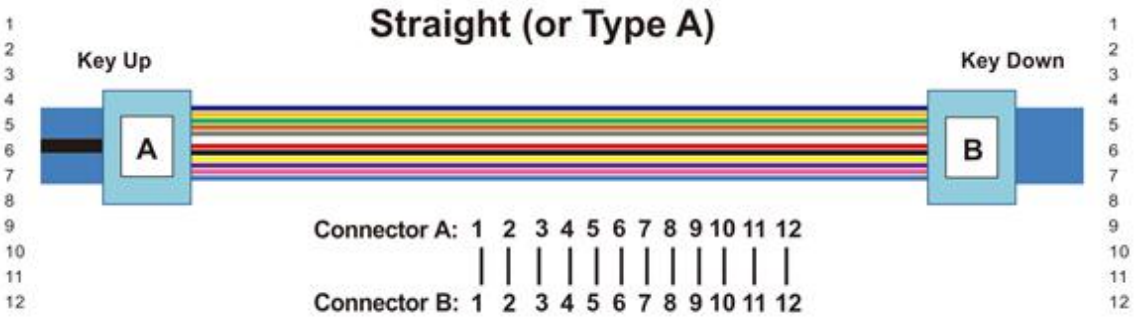
## Shipping Information

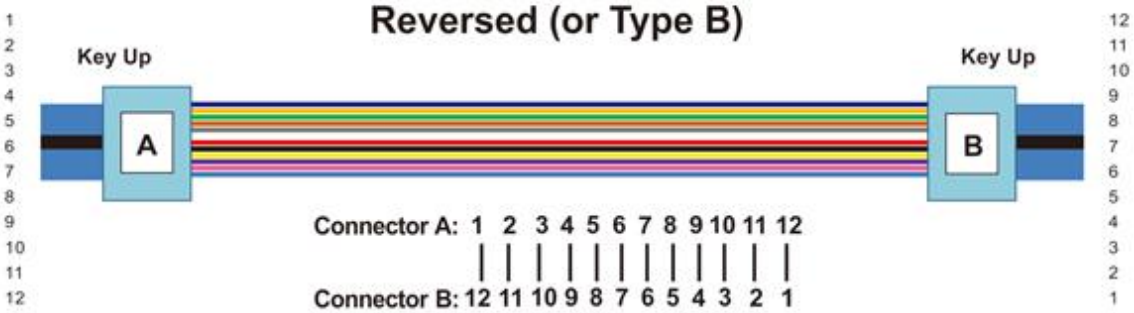
| | |
|---|---|
| Package Contents | Patch panel, 1 unit |
| Package Dimensions(W*H*D) | It depends on the dimensions of the product |
| Material | Carton box |
| Weight | It depends on the dimensions of the product |
| Lead Time | 10-15 working days normally |

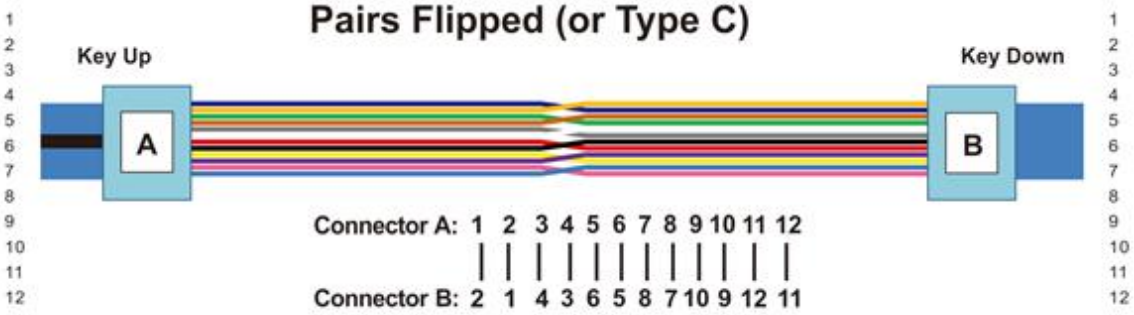
LongXing Telecom
LongXing Telecom
LongXingTelecom
Anju Road, Beilun District, Ningbo, China
info@lxtelecom.com
www.lxtelecom.com
+86 574 87908988
+86 574 87908188
Ver: 160616

LONGXING
Structured Cabling Solutions

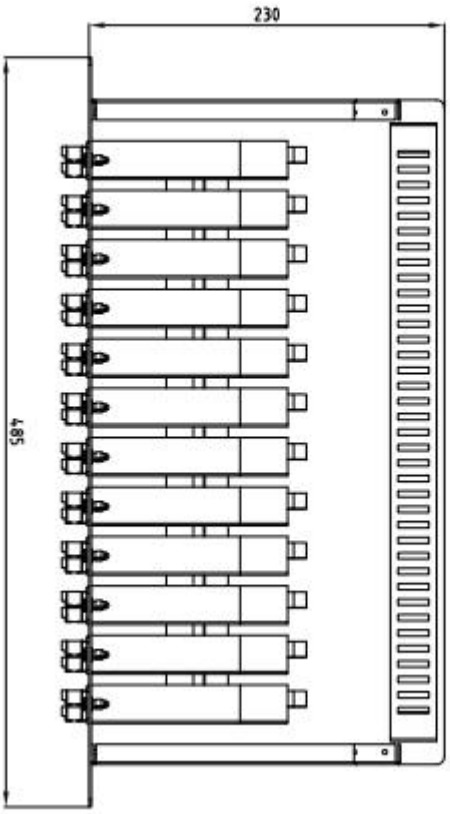
## Pre-terminated MTP Technology-Polarity

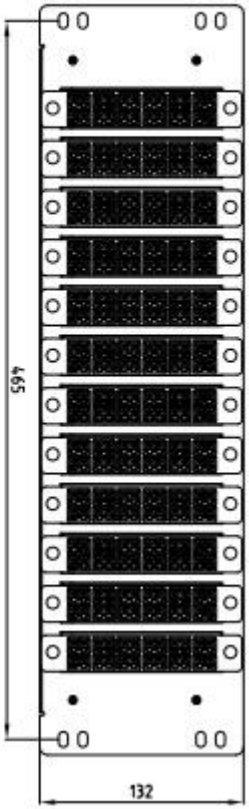


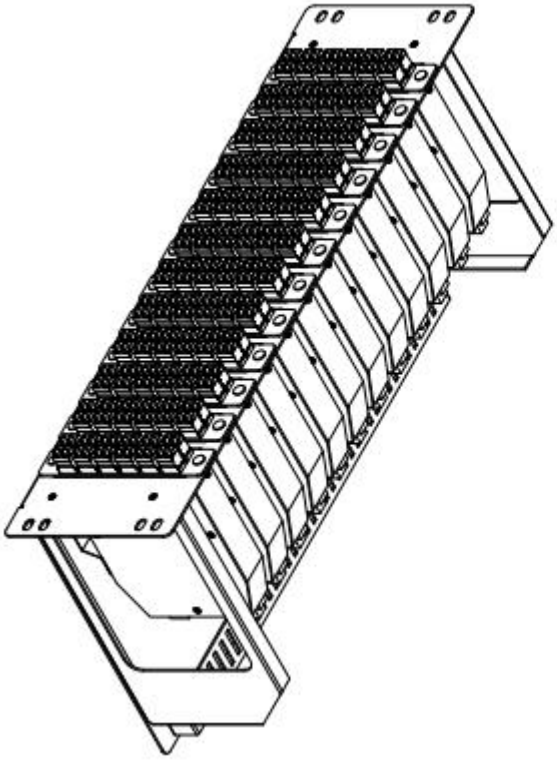



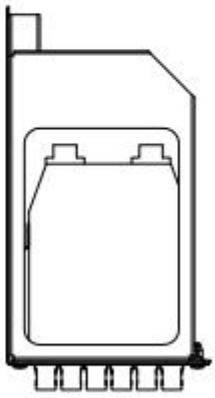



## Technical Drawings



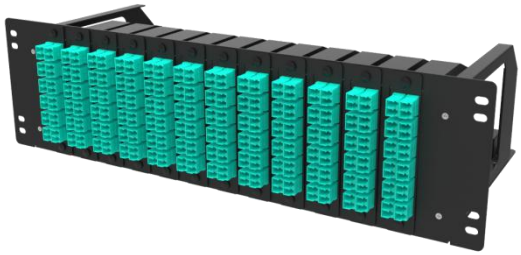



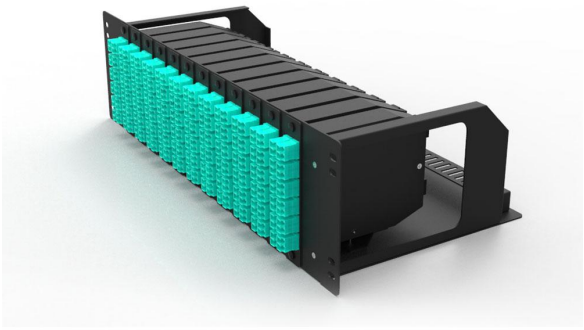


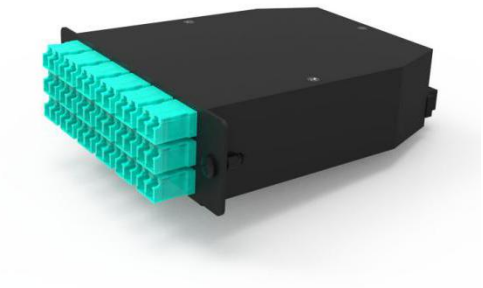
LongXing Telecom
LongXing Telecom
LongXingTelecom
Anju Road, Beilun District, Ningbo, China
info@lxtelecom.com
www.lxtelecom.com
+86 574 87908988
+86 574 87908188
Ver: 160616

LONGXING
Structured Cabling Solutions

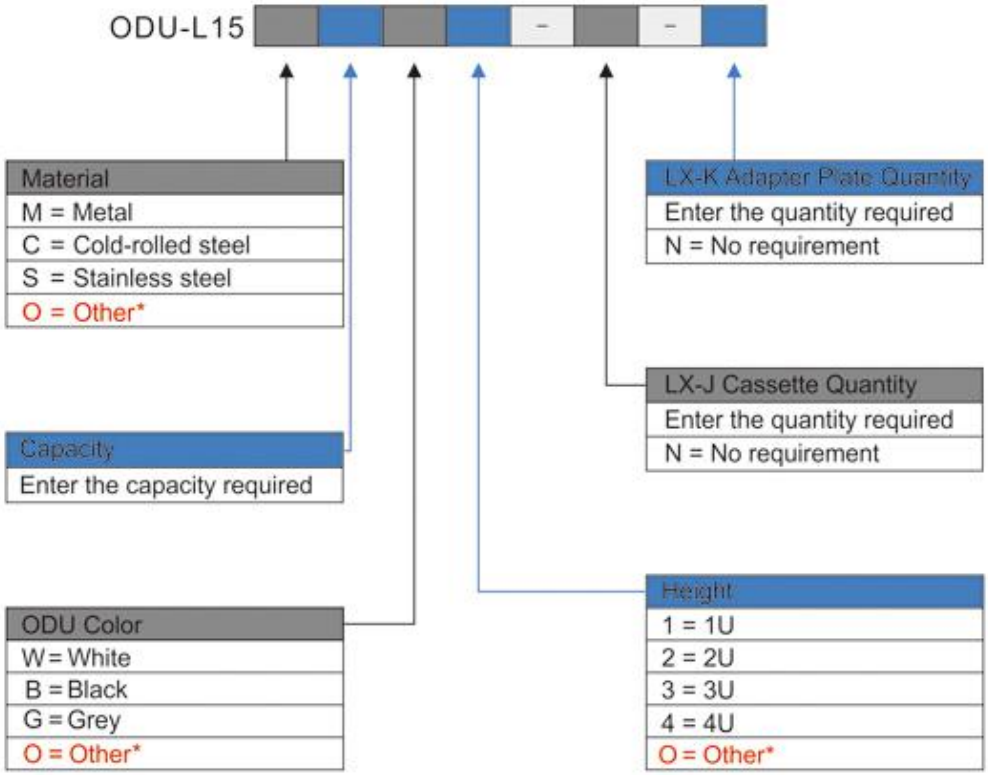
## Part Details







# Catalog Number




**Ordering Example:**

ODU-L15C288B3-12-N Cold-rolled Steel, 288 Cores, Black ODU, 3U, 12 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.


LongXing Telecom
LongXing Telecom
LongXingTelecom
Anju Road, Beilun District, Ningbo, China
info@lxtelecom.com
www.lxtelecom.com
+86 574 87908988
+86 574 87908188