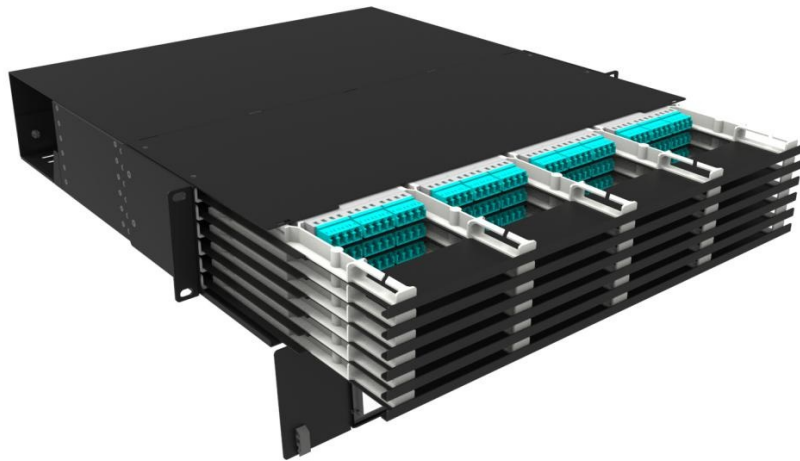
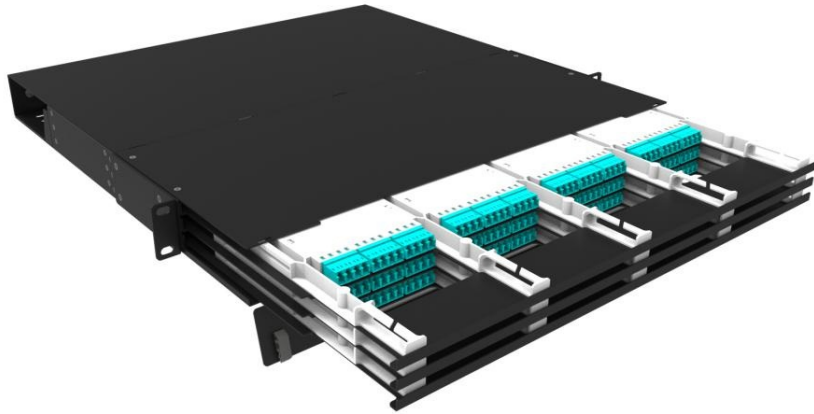

Rack mount Fiber Optic MPO Patch Panel

Operation Manual



Thanks for your selection to our products and Please read the manual before installation.

1、General

1.1 Rack Mount fiber optic MPO/MTP patch panel is used for connection, protection and management on trunk cable and fiber optic. And popular in Data center, MDA, HAD and EDA on cable connection and management. Be installed in 19-inch rack and cabinet with MPO/MTP module or MPO/MTP adapter panel.

1.2 It can also used widely in Optical fiber communication system, Cable television system, LANS, WANS,FTTX. With material of cold rolled steel with Electrostatic spray, good looking and sliding-type ergonomic design.

2、 Technical Characteristic

2.1 Operating Environment

- ✧ Operating temperature $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$;
- ✧ Storage temperature $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- ✧ Relative humidity 25% ~ 75% ($+30^{\circ}\text{C}$)
- ✧ Atmospheric pressure 70 ~ 106kPa

2.2 Main mechanical performance parameters

- ✧ Radius protected patch cord routing.
- ✧ Each fiber optic show clearly remarks to avoid any confusion during maintaining procedure.
- ✧ Flame retardant performance can meet the standard of V-0 under GB/T5169.16 table 1.

3、 Structure and Feature

3.1 Components in UHD-Fiber Patch Panel

- ✧ Housing (height of metal material:1.2mm) ;
- ✧ 12F MPO-LC MOULD, DIMENSIONS: W12×D89×H148(mm);
- ✧ Fixed device between rear of patch panel and rack
- ✧ LC Duplex adapter, MPO connector
- ✧ Winding ring

3.2 Features:

- ✧ UHD 1U 144-core/2U 288-core/4U 576-core;
- ✧ 12*12F MPO-LC module (1U)
24*12F MPO-LC module (2U)
48*12F MPO-LC module (4U)
- ✧ Independent sliding for 3-fold(1U)

Independent sliding for 6-fold(2U)

Independent sliding for 12-fold(4U)

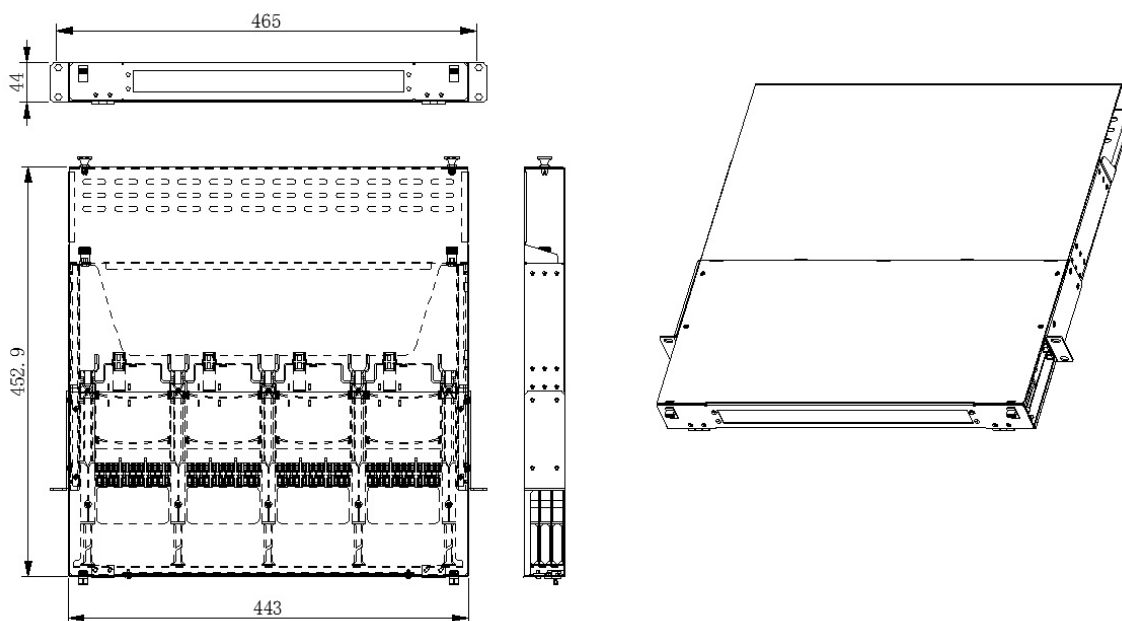
- ✧ Low Insertion Loss and High return Loss.
- ✧ Ergonomic design for separated module, convenient installation and maintenance.
- ✧ The front of the panel is transparent and easy to revolve.
- ✧ High-quality for electrostatic anticorrosion.
- ✧ Robustness and shock resistance.
- ✧ With fixed device on frame or mount, it can easy to adjust hanger from different installation.
- ✧ Be installed in 19-inch rack and cabinet.

4、Specification and Capacity

UHD Rackmount patch panel(metal housing)

NO	Qty of cores	Material of housing	Dimensions (mm) W×D×H		
1	144-core	METAL	443	453	44
2	288-core		443	453	88
3	576-core		443	453	175.5

5、Drawing of structure



144-core MPO Pre-terminated Rack mount(Metal material)

Specifications

NO	MODEL NAME	Model No	Dimensions (mm) W×D×H	Descriptions	Color	Remark
1	RACKMOUNT 144 CORES FIBER OPTIC MPO PATCH PANLE	GPX-ML-144C S	44×443×453	1U BOX+12*12F MPO-LC MODULE+SLIDING-STYLE	RAL900 5	COLOR AVAILABLE
2	12F MPO-LC MODULE	ZZ-MPO-LC-12	12×89×148	MPO ADAPTER*1+LC DX ADAPTER*6+12F MPO-LC PATCH CORD	RAL900 5	COLOR AVAILABLE

6、INSTALLATION (For example, 144 CORES RACKMOUNT PATCH PANLE)

6.1 Installations for rack (shown in Figure 1)

A、Fixed 4 sets of screws(No: M6*16) in the rack

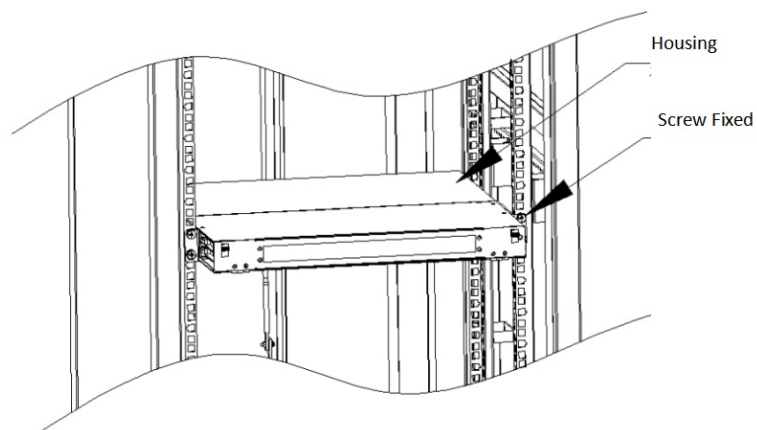


Figure-1. Frame Installation

7. Canton Contents (according to the list)

7.1 RACKMOUNT PATCH PANLE

No	Discription	Quantity	Remarks
1	Product Manual	1 pc	
2	M6X16 SCREW	4sets	Used on frame fixed
3	Frame Accessories	2pcs	Used for frame installation

Thanks for your choice again, if there is any query during work, Please contact us for support.