

19 inch Drawer Type Patch Panel



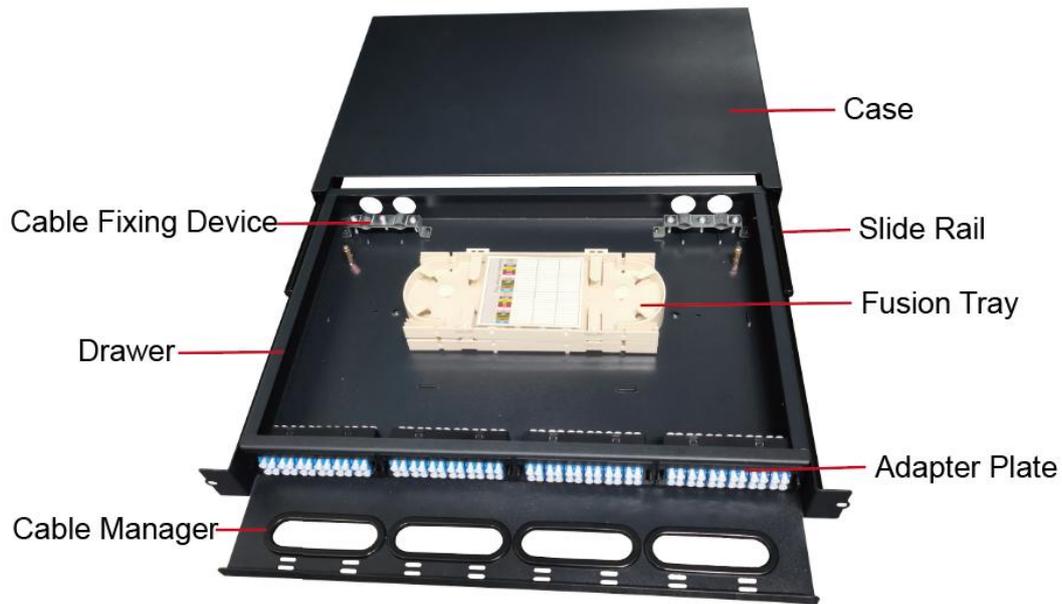
Product overview

The 19 inch drawer type patch panel adopts a sliding rail pull-out structure and modular design. Flexible configuration of fiber optic connectors with different models and capacities according to needs. It is used for the termination and distribution of the central office optical fiber cables in the optical fiber communication system, so as to conveniently connect, distribute and schedule the optical fiber lines. It plays an important role in the safe operation and flexible use of optical fiber communication network.

Product characteristic

- Box body use steel sheet with surface coating, having good performance;
- Standard 19 inch installation, easy for splicing、 wiring operation, and maintenance;
- Slide opening and closing structure for easy operation and maintenance;
- Reasonable optical fiber coiling structure, ensure the fiber coiling radius is more than 35mm at any point;
- Modular design allows for flexible configuration of connectors of different models and capacities;

Product components



Framework



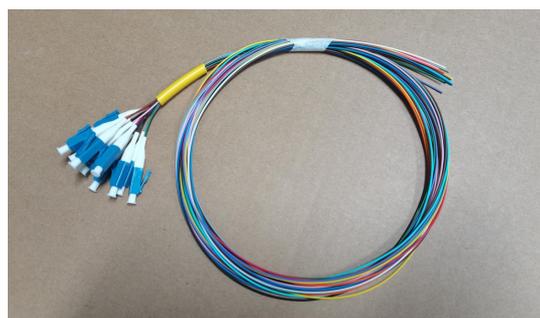
24F Adapter Plate



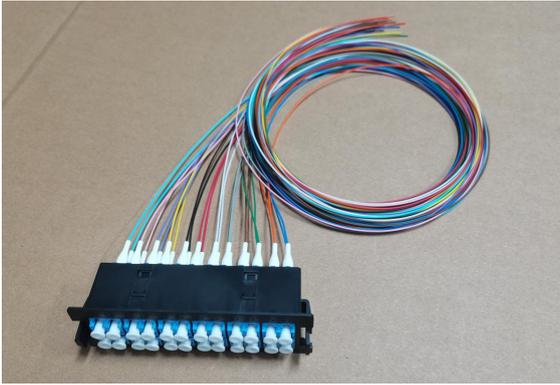
Blind Plate



Fiber Fusion Tray



12F Pigtail Set



Pigtails Pre-installation Model



Accessory

Main technical index

1 Service conditions

- 1) Operation temperature: $-25^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- 2) Storage temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- 3) Relative humidity: $\leq 95\%$ ($+40^{\circ}\text{C}$)
- 4) Atmospheric: 68Kpa~112Kpa

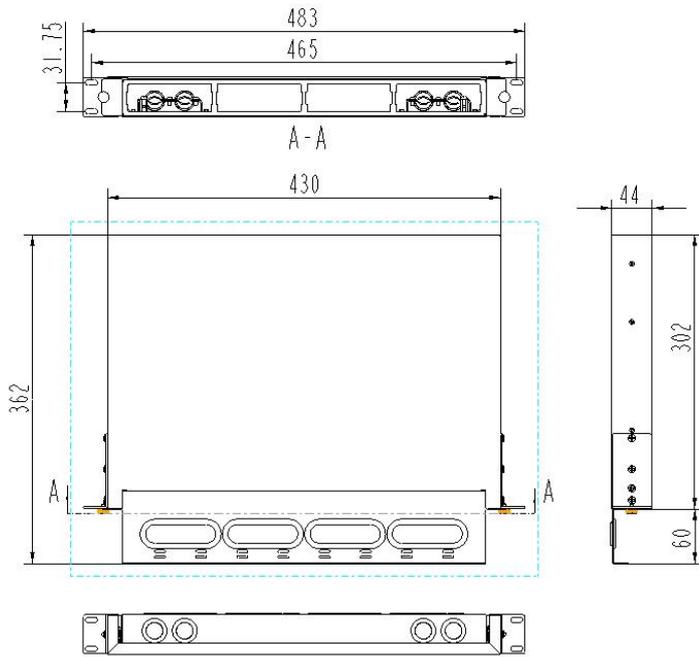
2 Photoelectric property

- 1) Insertion loss: $<0.30\text{dB}$ @1310nm
- 2) Return loss: LC/UPC $\geq 55\text{dB}$ @1310nm
- 3) Life time of insertion and extraction: >5000 times

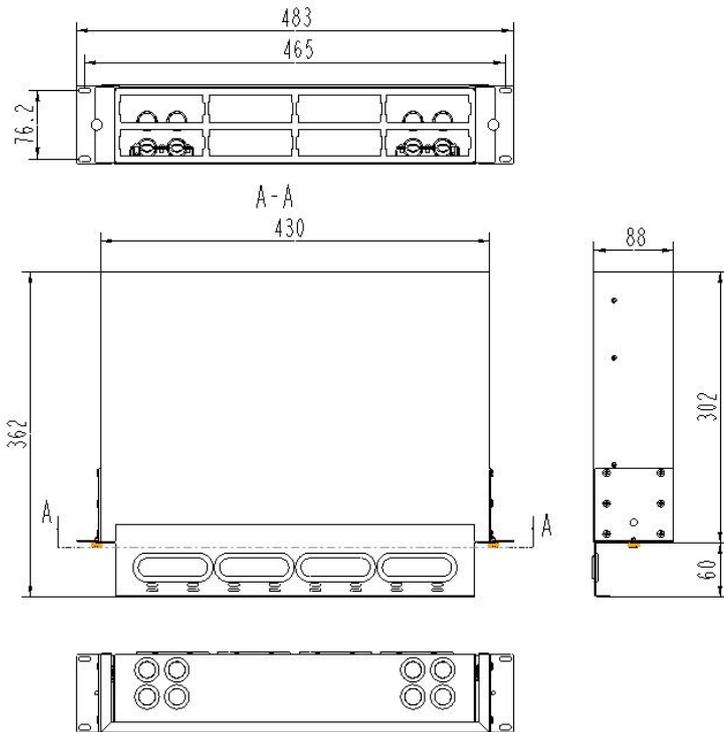
3 Mechanical property

- 1) The panel use slided structure, optical fiber splice end with dustproof device.
- 2) Material: Zincor Steel of 1.2mm painted with electrostatic powder in RAL 9005 (Black Color)
- 3) Dimensions(H)X(W)X(D): 44/88 X 483 X 362mm
- 4) Cable entry holes: 4 / 8
- 5) Maximum capacity: Max. 96 core fibers for 1U; Max. 192 core fibers for 2U

Product Structure



1U Empty Chassis



2U Empty Chassis

Product configuration

Model	Product Spec	Product Configuration					
		Empty Chassis & Accessory	24F Adapter Plate	Blind Plate	12F pigtail set	Fusion Tray	Fusion Sleeve
							
1U-24F-LC-SM	1U Slided Patchpanel 24FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (1U)	1	3	2	1	24
1U-48F-LC-SM	1U Slided Patchpanel 48FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (1U)	2	2	4	1	48
1U-72F-LC-SM	1U Slided Patchpanel 72FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (1U)	3	1	6	2	72
1U-96F-LC-SM	1U Slided Patchpanel 96FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (1U)	4	/	8	2	96
2U-120F-LC-SM	2U Slided Patchpanel 120FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (2U)	5	3	10	3	120
2U-144F-LC-SM	2U Slided Patchpanel 144FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (2U)	6	2	12	3	144
2U-168F-LC-SM	2U Slided Patchpanel 168FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (2U)	7	1	14	4	168
2U-192F-LC-SM	2U Slided Patchpanel 192FO with SM LC/PC Duplex w/cassete+pigtails+ fusion sleeve	1 (2U)	8	/	16	4	192