

Metal Frame 1U 24 Port Patch Panel, Multimode 48 Core Optical Patch Panel

HANGZHOU MINGXIN FIBER NETWORK TECHNOLOGY CO., LTD.



Detailed Product Description

Dimension:	450*277*45mm	Type:	Drawer, Plastic Or Metal
Return Loss:	>50 DB	Body:	Metal Cold Rolled Steel
Certificate:	CE; Rohs	Weight:	3.5kg

Metal Frame 1U 24 Port Patch Panel , Multimode 48 Core Optical Patch Panel

Rack Mounted Fiber Optic Patch Panel, Fiber Distribution Box, Fiber ODF, 12 Ports,24 ports,36 ports,48 ports,72 ports can be with Fiber Optical Adapter& Pigtail, Fiber patch panel box.

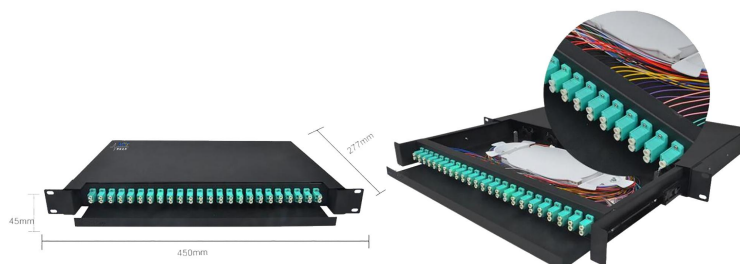
Features

- Low excess loss & High performance
- Retractable splicing tray
- Convenience and ease of handling
- Applied to various of optical fiber distribution frames, distribution cabinets and optical cable cross-connection cabinets.
- With splice trays in the box and integrate heat sealing and wiring into one.
- Apply double-sided structured optical fiber splice tray to make full use of the two sides of the board.
- It's suitable for ribbon or non-ribbon optical fiber cable.
- Every tray can be clamped with 12FC/SC/ST adaptors.
- Install adaptors on the face side of optical fiber splice tray in a bayonet way at an oblique angle of 30 degrees to ensure curve radius

Application

- Telecommunication
- CATV
- LAN & WAN
- Network
- Broadband

Product Show



Metal Frame 1U 24 Port Patch Panel, Multimode 48 Core Optical Patch Panel

HANGZHOU MINGXIN FIBER NETWORK TECHNOLOGY CO., LTD.

Preparation before installation

- A.** Check the structure and type of fiber cables before installation; different fiber cables could not be spliced together;
- B.** Seal well the connective components to reduce additional loss to fibers caused by dampness; don't apply any pressure on the connective components;
- C.** Keep a dry and dustless working environment; don't apply any external force to the cables; don't bend or entwine cables;
- D.** Appropriate tools should be used for splice of cables according to the local standards during the whole installation process.

The installation procedure of the box

- A.** Open the front cover of the box or the top (if necessary), take down the fiber splice tray; let in the fibers from the fiber entry and fix them on the box; the devices for fixation are as follows: the adjustable collet, stainless fiber cable ring & nylon tie;
- B.** The fixation of steel core (if necessary): thread the steel core through the fixed device (optional) and screw down the bolt;
- C.** Leave about 500mm-800mm long spare fibers from the peeled point of fiber cable to the entrance of the splice tray, cover it with plastic protective tube, fix it with plastic tie at the T type holes; splice fibers as usual;
- D.** Store the spare fibers and pigtails, plug the adapters in the slots on the tray; or first plug in the adapters and then store the spare fibers, please pay attention to the direction of coiling fibers
- E.** Cover the splice tray, push in the splice tray or fix it with the slot at the edge of the box;
- F.** Install the box inside 19" standard mounting equipment.
- G.** Connect the patch cord as usual.

Fiber Optic Patch Panel Specification

- Environment temperature: $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$
- Relative humidity: $\leq 85\%$ (30°C)
- Atmosphere pressure: $70 \sim 106\text{KPa}$
- Insulated Resistance: $\geq 2 \times 10\text{M}\Omega/500\text{V}(\text{DC})$
- Intensity $\leq 15\text{KV}(\text{DC})/1\text{min}$ no spark-over and no flying arc
- Fiber bending radius guaranteed more than 40mm : $\geq 40\text{mm}$
- Application: It is applicable for straight-through connection and diverged connection in aerial layout, duct and direct buried. It can protect fiber connectors.

Operating Wavelength(nm)	820±40/980±40/ 1310±40/1550±40		980&1550±40/ 1310&1490&1550±40		Parameter	Unit	Value
Coupling Ratio (%)	Insertion Loss (dB)				Fiber Type	/	Hi 780/ Flex 1060/ SMF-28e/ SMF-28e XB
	Tap	Signal	Tap	Signal			
01/99	19.0-21.0	≤ 0.20	18.5-21.5	≤ 0.25	PDL	dB	Typ.: < 0.1 Max.: < 0.15
03/97	14.6-16.2	≤ 0.30	14.5-16.5	≤ 0.30	Directivity	dB	> 55
05/95	12.4-13.8	≤ 0.35	12.0-14.5	≤ 0.45	Return Loss	dB	> 50
10/90	9.70---10.7	≤ 0.60	9.70-11.2	≤ 0.60	Excess Loss	dB	Typ.: < 0.1 Max.: < 0.2
20/80	6.70---7.60	≤ 1.15	6.60---7.80	≤ 1.15	Pigtail Dia.	mm	0.25 / 0.9 / 2 / 3
33/67	4.65---5.65	≤ 1.70	4.50---5.85	≤ 1.80	Pigtail Length	cm	> 100
40/60	3.95---4.30	≤ 2.50	3.70---4.70	≤ 2.70	Operating Tem.	$^{\circ}\text{C}$	$-10 \sim +70$
50/50	2.85---3.30		2.80---3.40		Storage Tem.	$^{\circ}\text{C}$	$-40 \sim +85$