

Fiber Optic Patch Panel Distribution Box

This fiber optic patch panel provides a convenient solution for terminating and distributing fiber optic cables. It is available in various port configurations, including 12, 24, 48, and 96 ports.



ADDITIONAL IMAGES



Overview

High-Density Fiber Management

This fiber optic patch panel distribution box is designed for efficient cable management and termination in data centers and telecommunication networks. Featuring a standard 19-inch rack-mountable design, it offers a robust, lightweight structure with a drawer-style configuration for easy access. The unit supports various adapter interfaces and fiber types, ensuring reliable performance and protection for your network infrastructure.

Technical Specifications

Application:

- ✧ Excellent design/Capacity: Maximum 48 cores
- ✧ Reliable fiber lead, grounding and perfect fix up
- ✧ Reliable pigtail fixes up and perfect protection
- ✧ Apply to extensive field
- ✧ Convenient for operations and maintenance

Rack Mounted and Drawer Style (L=482xW=230xH=45mm)

Specifications

Environment temperature: -40°C ~ +80°C
+85% (30°C)
Atmosphere pressure: 70~106KPa
Insulated Resistance: $\geq 2 \times 10^9 \Omega / 500V$ (DC)
Intensity: $\leq 15W$ (DC)/1min no spurt-over and no flying arc
Fiber bending radius guaranteed more than 40mm; $\geq 40mm$
applicable for straight-through connection and diverged connection in aerial layout.
Dust and direct buried.
It can protect fiber connectors commendably.

Characteristics:

- ✧ The shell is high intensified & insulated material, thus having excellent mechanic performance
- ✧ Strength core and shell was insulated and with grounding lead
- ✧ Suitable for inserting installation of SC, FC, ST and LC adaptor
- ✧ Full accessories for convenient operations

Detailed technical specifications and environmental ratings for the drawer-style distribution box.

Available Port Counts

- 4
- 6
- 8
- 12
- 24
- 48
- 72
- 96
- 144
- 288

Compatible Connectors

LC, FC, SC, ST

Min. Fiber Bending Radius

40 mm

Dimensions (LxWxH)

482mm x 230mm x 45mm

Operating Environment

Operating Temperature

-40 °C

Min Temp

80 °C

Max Temp

Max Humidity

d85%at 30°C

Atmospheric Pressure

70-106 KPa

Electrical Performance

Insulated Resistance

$\geq 10M\Omega/500$ (DC)

Intensity Rating

d15V (DC)/1min

Features

Key Capabilities

19-inch Standard Size • Drawer Style • Rack Mounted • Grounding Lead Included • Replaceable Splice Tray