

Wall Mount Fiber Patch Panel

12 24 36 48 port core indoor Fiber optic wall mount patch panel Optical distribution Frame ODF

Fiber optic patch panel ,Fiber optic distribution frame, fiber optic distribution Box, ODF ,fiber optic Indoor wall box, Fiber optic Outdoor wall box, Optical Terminal Box (OTB) is mainly used for connecting the indoor/outdoor optical cables, optical patch cords and optical pigtails.



1. Types:

- * Rack-mount fixed type
- * Rack-mount drawer type
- * Rack mount ODF
- * indoor wall-mount type
- * Outdoor waterproof wall-mount type

2. Properties:

- * Suitable for the protective connection between cables and pigtails
- * Suitable for the connection between optical cables and optical communication device
- * unique structure, easy installation, for indoor use

3. Classification:

Rack Mount, Wall Mount. Suitable for FC adapter,ST adapter,SC adapter, LC adapter etc.

- * capacity: 12,24,32,48,64,72,96 splices
- * 19 inches; 1U for 12 splices, 24 splices,2U installation for 32 splices, 48 splices, and 3U for 64, 72 & 96 splices.
- * Adapters installed: FC adapter ,ST adapter,SC adapter, LC adapter etc
- * Suitable for ribbon and bunchy fiber cable

4. Components:

Cover, inner components, fiber connecting protector Inner components

a. Cover: the cover should be easily opened for easy installation; it should be provided with an outlet device for fiber metal high voltage protective earthing;

b. Inner components as follows:

- * Bracket: supporting the inner structure.
- * Fiber Optic Splice Tray: storing fiber connectors (together with the protective components) and the spare fibers, with the length being about no less than 1.6m; the curve radius of the coiled spare fiber should be no less than 37.5mm; makes that are easily recognizable should be provided for reconnection of fibers; should have adequate room for convenient operation;
- * Fixing Device: used for the fixation of fiber protective tubes and the fixation of pigtails.

5. Heat shrink protective sleeves are used to protect fiber connectors.



6. Material:

All components of the box should be made of materials which are of excellent anti-corrosion performance, if not, then it should be

static plastic sprayed; the physical and chemical capabilities of the material should be stable and should be compatible.

* The melting temperature for the material used for the heat shrinkable protective sleeves and the stuffing should be no less than 120°C, the intenerate temperature should be higher than 90°C, and could be used under -25 - 40°C;

* 4.2 All material should be innocuous, none-corrosion, no side effects to human being or other equipments.

7. Features and advantages:

* Made of cold-rolling steel, static spreading-plastic, small dimension and exquisite and easy for operation.

* The box are Rack Mounted, which is convenient to install and dismantle;

* The splice tray could be piled one upon another, flexible to turn;

* The curve radius of the coiled spear fibers should be guaranteed to be over 37.5mm in the splice tray;

* The box is of unique structure, reasonable layout, and has adequate room for operation;

Environmental temperature:	-25 - 55°C
Relative humidity:	<85%(when the temperature is below 30°C)
Atmosphere pressure:	70~106Kpa
Insulating resistance:	>2×10 ⁴ MΩ/500VDC
Voltage-resistance strength:	Under the effect of 15kv/DC/1min, non-puncture, and no arc-over.

Recommended by seller





Technical Details

Capacity	Dimension	Description
1U 12/ 24 cores	48.2*20.5*4.35 cm	Steel, black, universal adapter panel for SC/ST/FC or Duplex LC, for standard Rack type
4U 96 cores	49*42*22 cm	Steel, black, universal adapter panel for SC/ST/FC or Duplex LC, for standard Rack type
4U 144 cores	49*42*22 cm	Steel, black, universal adapter panel for SC/ST/FC or Duplex LC, for standard Rack type
4U 288 cores	49*42*22 cm	Steel, black, universal adapter panel for SC/ST/FC or Duplex LC, for standard Rack type