

FICHA TÉCNICA

Fiber Optic Patch Panel FTB-C144S



Product Overview

19 Inch Fiber Optic Patch Panel widely used in local calls, agricultural network systems, data, image transmission systems, CATV cable TV series, for indoor fiber optic through-the-line and branch connections, play the role of pigtail disk storage and protection of joints. The product can be replaced with the adapter panel can be replaced as FC, SC, ST, LC At the same time for the ribbon cable and ordinary optical cable.

Product Details

Specifications: 19' standard installation.

Material: The shell is made of 1.2mm thick cold-rolled sheet, epoxy electrostatic spray

Color: Black or white

◆ Conditions of use

Working temperature: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Storage temperature: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Relative humidity: $\leq 85\%$ ($+30^{\circ}\text{C}$)

Atmospheric pressure: 70Kpa~106Kpa

◆ Photoelectric performance

Nominal operating wavelength: 850nm, 1310nm, 1550nm

Insertion loss: $\leq 0.5\text{dB}$

Return loss: PC $\geq 40\text{dB}$, UPC $\geq 50\text{dB}$, APC $\geq 60\text{dB}$

Electrical strength: $\geq 3\text{KV}(\text{DC})/1\text{min}$ without breakdown, no arcing;

Insulation resistance: $\geq 1000\text{M}\Omega/500\text{V}(\text{DC})$

Life: ≥ 1000 times

accommodating disc fiber bending radius: $\geq 40\text{mm}$

◆ Mechanical properties

The burning performance of plastic meets the requirements of GB51697-85.

The fiber optic cable passes through the metal plate hole and has a protective sleeve. The radius of curvature of the core and pigtail is greater than 37.5mm.

The cable enters the chassis with a radius of curvature greater than 15 times the diameter of the cable

The shell is made of 1.2mm thick cold-rolled plate, epoxy electrostatic spray, beautiful appearance and easy to use.

◆ Function

With cable fixing and protection

With cable termination function Line adjustment function

Cable core and pigtail protection

◆ Application range

Small and medium-sized wiring system and FTTH suitable for fiber-to-cell, fiber-to-building, remote module office and wireless base station.

◆ ODF Feature

- 1 1.5mm steel sheet for strong housing
- Slim 1 Unit Mounting Height
- Ball bearing slid rails with positive stop
- Sliding design is easy to work for patching the connectors
- Hinged front panel is easy to be turned over & be fixed by snap-in locker
- Front-mounted cable saddles for jumper management
- Can manage both splices and terminations
- Preassembled shelves in multiple configurations
- Can includes adapter panels for up to 72 144SC terminations
- High density splice tray contains 24 fiber maximum in one tray
- Clear plastic cover to protect the fibers.
- 4 fiber saddles built-in for 900um tight buffered fiber winding & storing.
- Capable of storing up to 3 meters of 900 μm tight buffered fiber per adapter
- Snap-in locker design, easy to change adapter panels for various connector patching
- Removable rubber grommet allows for pre-terminated fiber trunk install, protects cable, and minimizes dust build-up
- Accessory kit consists of cable ties, mounting ear screws, and spiral wrap tube

Specification

Model	Fiber Quantity	Height	Dimension(mm)	Weight(Kg)
FTB-C144	144	4U	510*360*215	11

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