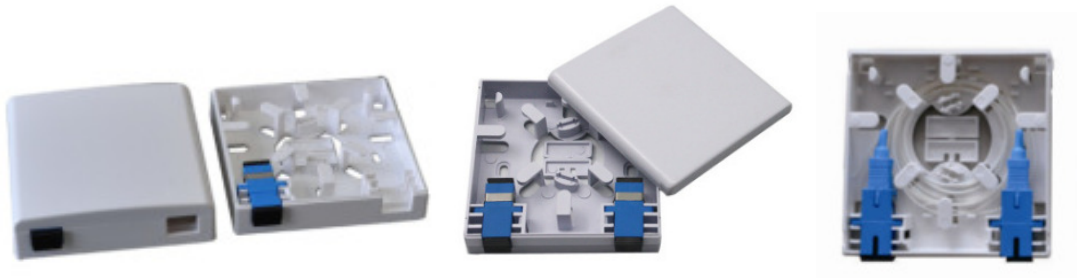
Fiber Termination Box - Exposed (FTB-E)

Features



FTB-E type optical fiber panel is mainly used for FTTH (fiber to the home), FTTD (fiber to the desktop) user access point. It is a user end product to realize optical fiber to desktop solution. It can be used in home or working area to accomplish double-core fiber access and port output. Used in the end termination of residential buildings and villas, to fix and splice with pigtails.

- Made of high quality engineer plastic material (ABS), Good mechanical strength, elegant appearance, sturdiness and durability.
- The faceplate can accommodate two optical fibre single mode SC adaptor outlet for the termination of 2 fibers.
- Provide a minimum fiber-bending radius of 25mm.
- Have a splice holder for store the splicing protector.
- Offer multiple cable entrances through the base and /or sides.
- Have a cable-locking mechanism to hold a wide range from ϕ2.8mm to ϕ3.8mm fiber drop firmly and properly so as to avoid any sharp edge and excessive strain to damage the cable.
- Have sufficient space and facilitate with wiring guide for storing 2 x 0.5m long of 900μm tight buffer fibers.
- Materials of the faceplate shall be ABS UL94V-0 molded, white and glossy.
- Application: indoor
- Insertion loss: less than 0.2dB
- Return loss: >50dB at room temperature
- Material: white flame retardant ABS plastic
- Tensile strength: >20N
- Port number: 2
- Installation method: screw fixation
- Product dimensions: 86 x 86 x 24 mm

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Specifications

Environmental

- Operating temperature: -5℃～+40℃
- Ambient humidity: ≤95%(+40℃)
- Atmospheric pressure: 70 kPa～106 kPa

Material of components

White plastics ABS

Standards Reference

The cited document, apply to the latest version of this specification.

- UL 94, Test for Flammability of Plastic Materials for Parts in Devices.
- ANSI/TIA-568-C
- ISO/IEC 11801
- RoHS Compliant

Package

- Packing: carton
- Storage temperature: -40 ℃ ~ +65 ℃
- Storage humidity: ≤ 95% (+30 ℃),no corrosive gases around
- Transport: cars, trains, ships and aircraft
- Transportation to avoid collisions, falls, rain and snow poured directly attack and daylight exposure

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Ordering Information

Name	Adapter		Pigtails
	Type	Num	
Fiber Terminal Box – Exposed (FTB-E)	empty	empty	empty
	SC/APC	1	without
	SC/APC	2	without
	SC/APC	1	Including
	SC/APC	2	Including

P/N	Description
R4940500	FTB-E, 1 Port SC/APC, Single mode, Pre-loaded (Including adapter + pigtail)
R4940501	FTB-E, 2 Port SC/APC, Single mode, Pre-loaded (Including adapter + pigtail)
R4940502	FTB-E, 1 Port SC/APC, Single mode, with Adapter (without pigtail)
R4940503	FTB-E, 2 Port SC/APC, Single mode, with Adapter (without pigtail)
R4940504	FTB-E, Optical Fiber Information Panel box, Unloaded (1/2 Port)