

## Fiber Optic Terminal Box 04-4340 Instruction Manual

FTTH model of Fiber Optic Terminal Box is a newly developed by our company for application of FTTH. The box is light and compact, especially suitable for protective connection of fiber cables and pigtails in FTTH.

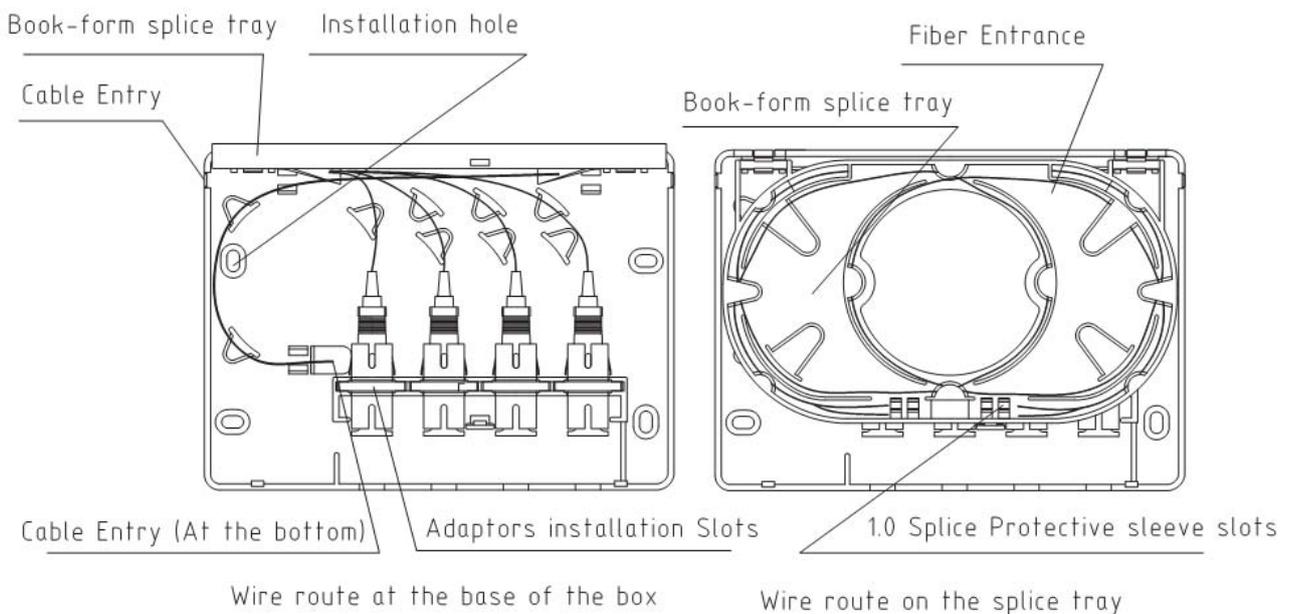
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#### 1 Features of the box

- 1.1 This box could be used for wall-mounted application;
- 1.2 The base and cover of the box adopts self-clip method, which is easy and convenient to open and close;
- 1.3 Could be used for adaptors such as SC, FC, E2000 etc.;
- 1.4 The max capacity is 4 fibers;

#### 2 The fiber route and main components of the box



Pic1: The fiber route schematic diagram

### 3 Installation method

3.1 Open the package of the box to check all the components. See following Pic2 (the adapter is as optional component.)



Pic2: components

3.2 Press the front side of the box, withdraw the cover and slide it backwards.

3.3 Indoor wiring fiber cable needed to lead in the location that fix the terminal box, the length of stripping is about 120cm from the end.



Pic3: the length of stripped fiber cable



Pic4: fiber after stripping



Pic5: use EVA tube to protect stripped fiber

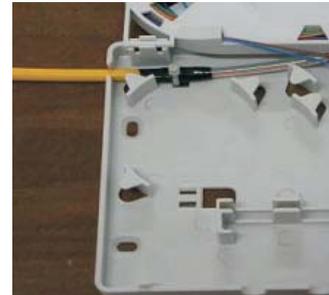
3.4 It is suitable for two routing methods; dark-routing and right-routing, see dark-routing leading in Pic6, see right-routing leading in Pic7/8.



Pic6: dark-routing leads in box and fixes by nylon tie

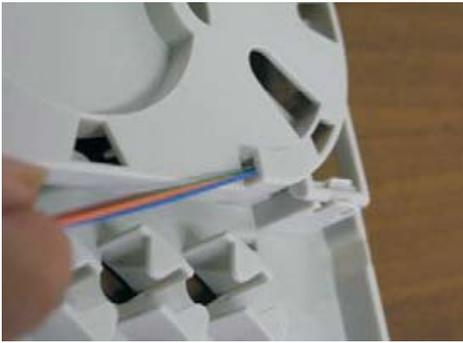


Pic7: right-routing leads in box entrance

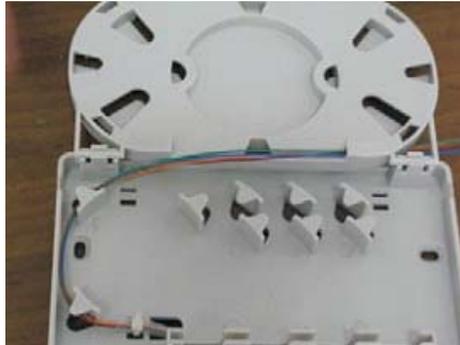


Pic8: right-routing leads in box and fixes by nylon tie

3.5 Outside fiber cable leads in fiber tray through cable outlet of tray as picture 9/10.

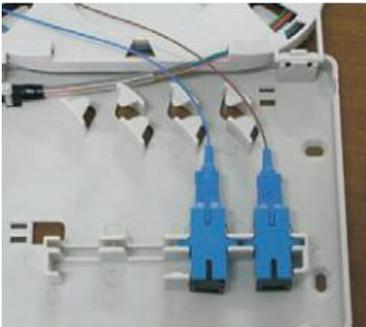


Pic9: thread the fiber to the cable inlet



Pic10: the fiber leads in fiber tray

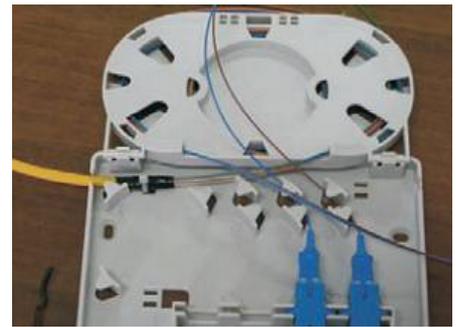
3.6 Installing the adaptor, inserting the pigtail plug, taking the pigtail through into splice tray. Like Picture 11/12/13.



Pic11: install the adaptor and pigtail



Pic12: put the pigtail through into the

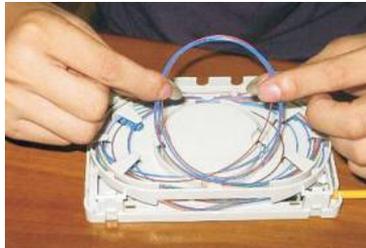


Pic13: pigtail inserted the tray inlet port

3.7 Splice as per usual. Then put the splice protective tube into the slot of tray. Like picture 14/15/16.



Pic14: after shrink, splice protective tube put into the slot of tray



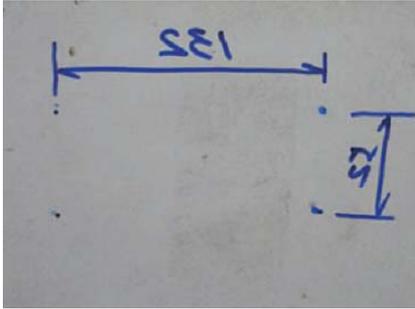
Pic15: splice the slot



Pic16: panorama

## 4 The installation and application

4.1 According to the size of box size, drill the hole for M4 expand bolt as Pic17/18.

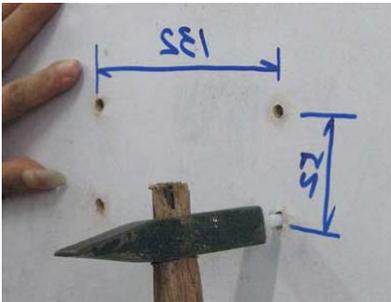


Pic17: the installation hole for the box wall-mount



Pic18: drill the plastic expand hole

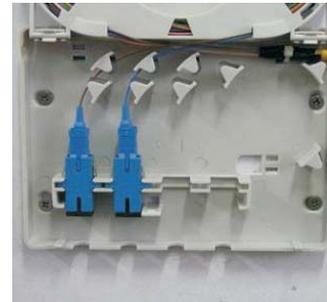
4.2 Knocking the plastic expand bolt into the hole.



Pic19: knocking the plastic expand bolt



Pic20: fixing the box



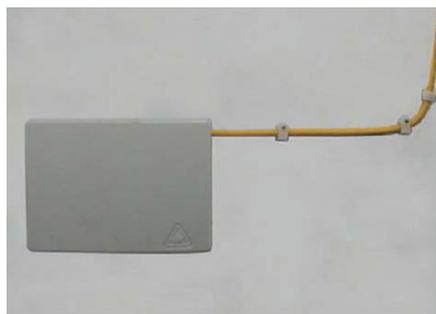
Pic21: the box after fixing

4.3 Fixing the box to wall with 4x25 screw thread bolt as Picture 20/21.

4.4 Cover the tray and terminal box



Pic22: cover the terminal box



Pic23: after installation

## 5 Main Technical Indexes

5.1 Environmental Temperature: -25°C~40°C;

5.2 Max capacity: 4 fibers;

5.3 Suitable types of fiber cables: 4 fibers indoor fiber cables.