# User Manual

Overview

This FTTH optical fiber distribution box provides splicing, termination and distribution for fibers. Feeder cables are fixed and protected well. Fiber termination device may help fiber and pigtail splice and terminate. Fiber wiring tray is convenient for inlet, installation and maintenance of drop cables. Adapters help to connect pigtails with drop cables.
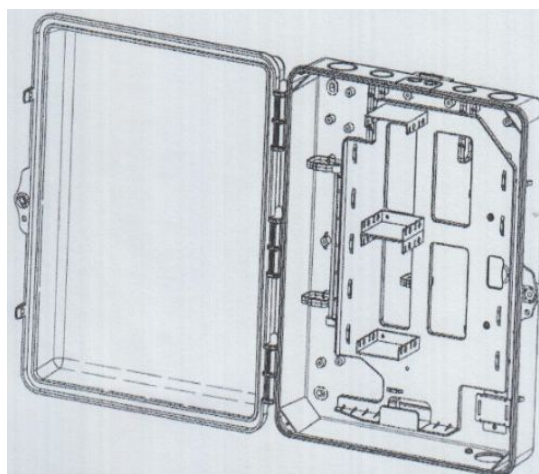
Safety

- Always wear eye protection when handling fiber.
- Always wear glove when handling bare fiber.
- Dispose all cleaved fibers into a designated waste bin.
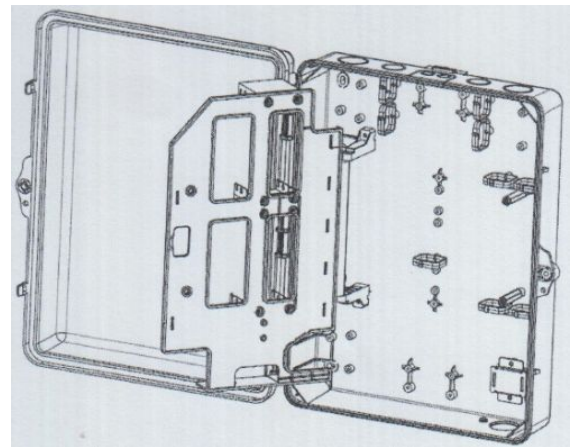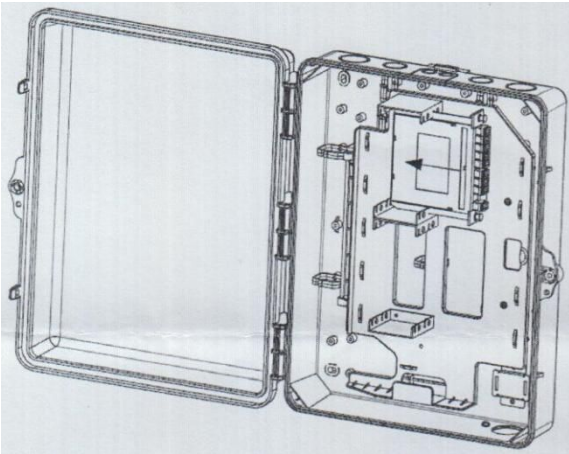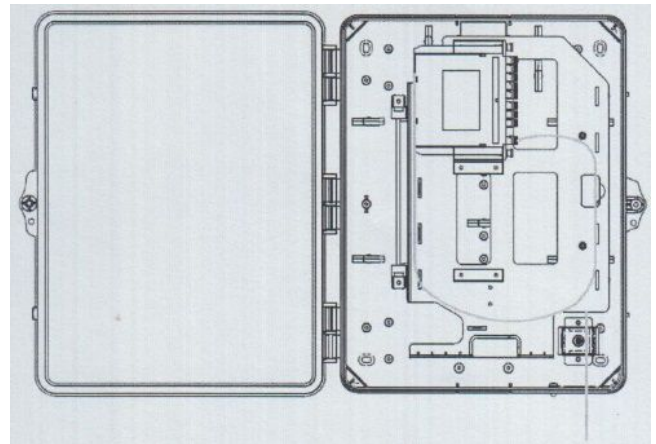- Do not eat, drink or smoke when handling fiber.

Eye protection must be worn
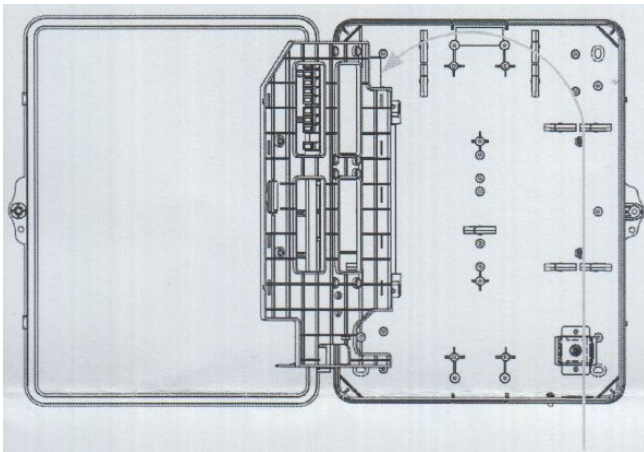
Overview

Configurations

1
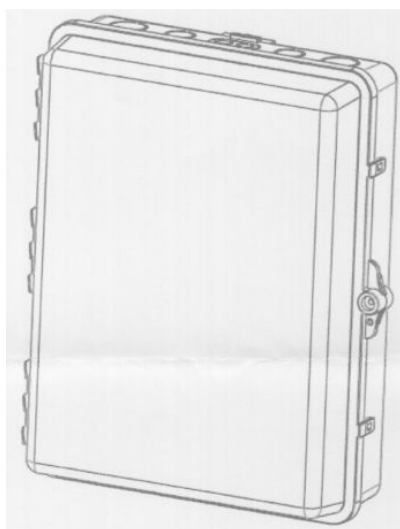
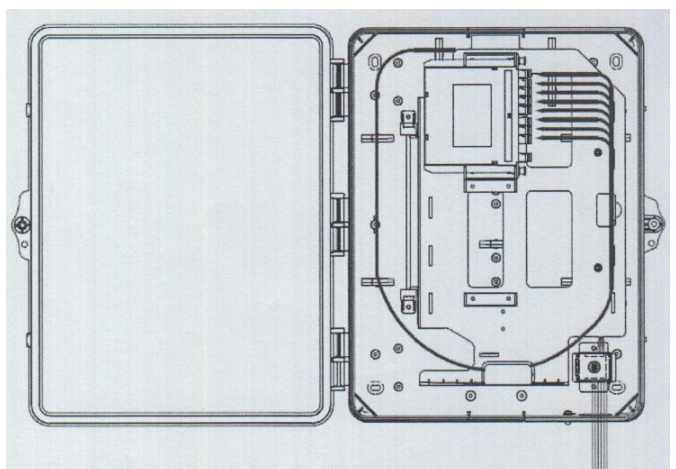# Assemble the Splitter Module

Wiring

(1) Insert the input cable as shown below

(2) Insert the output cable as shown below
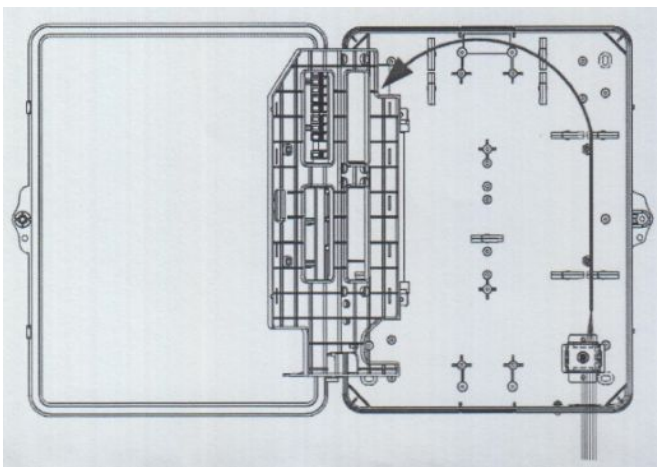
(3) Clamp the input cable and the output cable as shown below
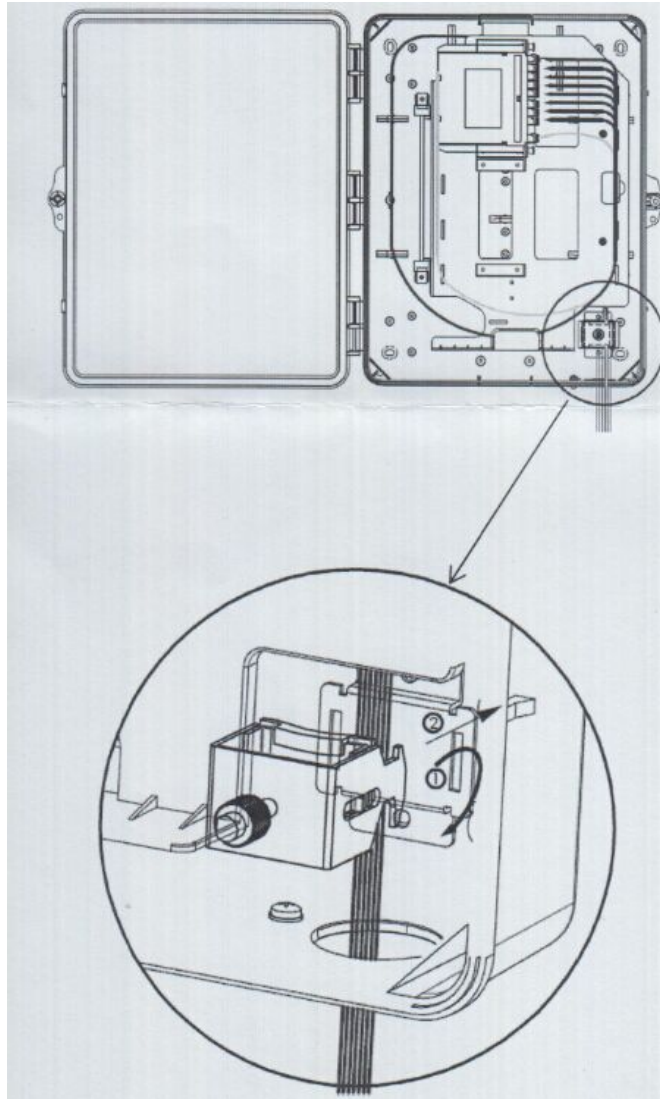
If you need to install multiple splitters, repeat the above process.

Main Structure

1. Drop cable fixing clamp

Feature: Meet reliable fixed indoor butterfly / round, outdoor self-supporting / pipeline and other specifications for drop cables. Easy to operate and post-maintenance.

Fixing clamp

Key can be used as tightening tool

2. Two routing channels

Feature: Drop cable routing channels and pigtail routing channels are separate. Construction and maintenance are standardized.
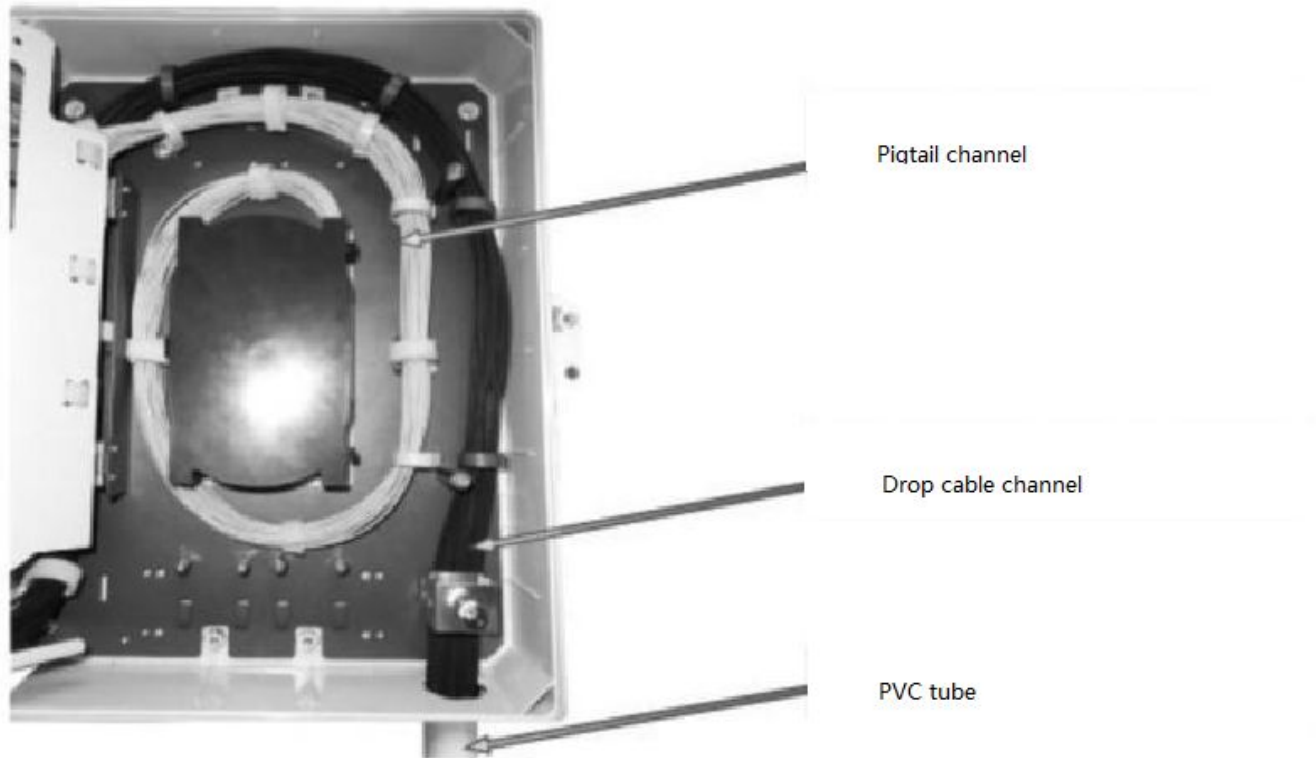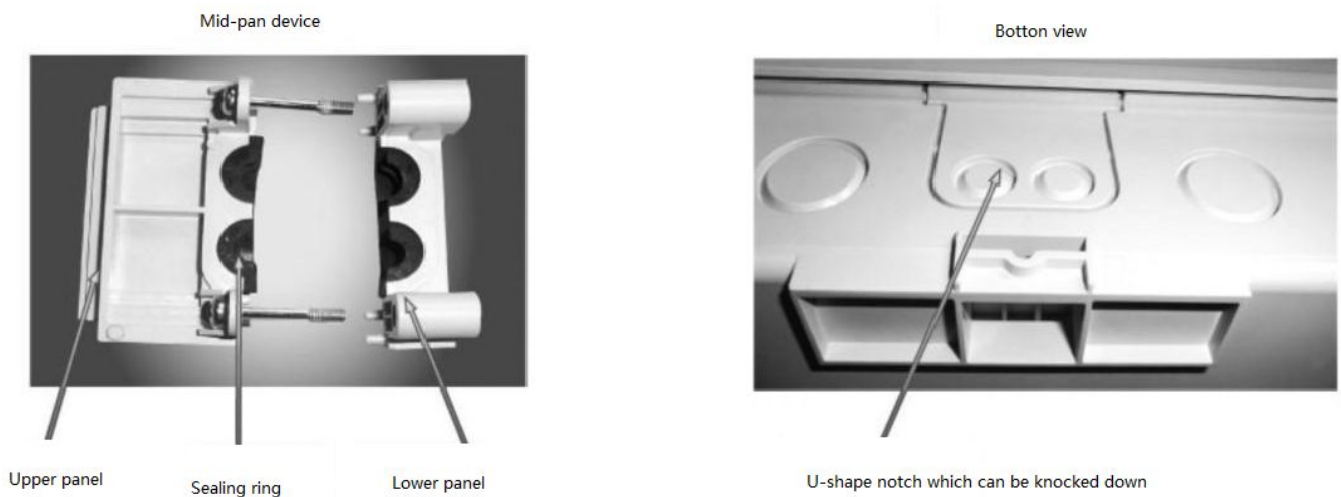

Pigtail channel

Drop cable channel

PVC tube

3. Mid-pan tool (Optional)

Feature: There is a U-shaped notch. You can knock down the notch and put mid-pan device on the hole, and press the cables in the middle of the sealing ring.

If you do not use mid-pan function, you can knock down the U-shaped notch in the middle of a small hole, and cables can go in directly.

Mid-pan device

Upper panel   Sealing ring   Lower panel

Botton view

U-shape notch which can be knocked down

Holes for drop cable. Cover can be knocked down.
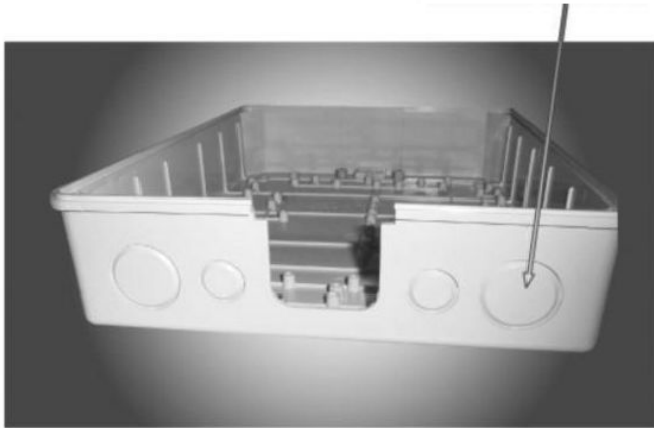
View without U-shape cover


View with mid-pan device

4. Lock of box

Features: Box with captive screws

Use captive screws to ensure that screws are not easy to thrown away when installing.

Ensure good water resistance when used outdoors.

Captive screw for the half-moon shape of the head, using a dedicated lock key. Reserved hole for padlock is used for anti-theft.

Reserved hole for padlock

Captive screw

Key
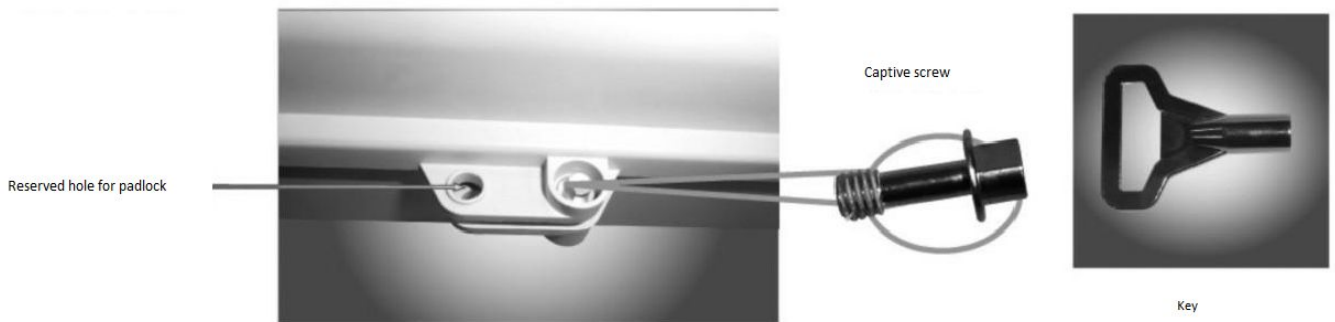
5. Pulling hole on the back of box

Features: when installing the box onto a pole, the pulling hole is available for a hook which helps a worker to pull the box upwards, easy for operation.

Pulling hole

6. When installing the box onto wall without "H-shape" back plate, four extruding points on the rear of the box are used for positioning. Put the box against the wall surface, and firmly press the box to leave four points which help to position drilling places. Then use a drill to drill bit and secure the box on the wall with expansion bolts.

Extruding point for positioning

7. When the positioning points on the wall are not perfectly right, use waist-shaped holes on the box to adjust installation.
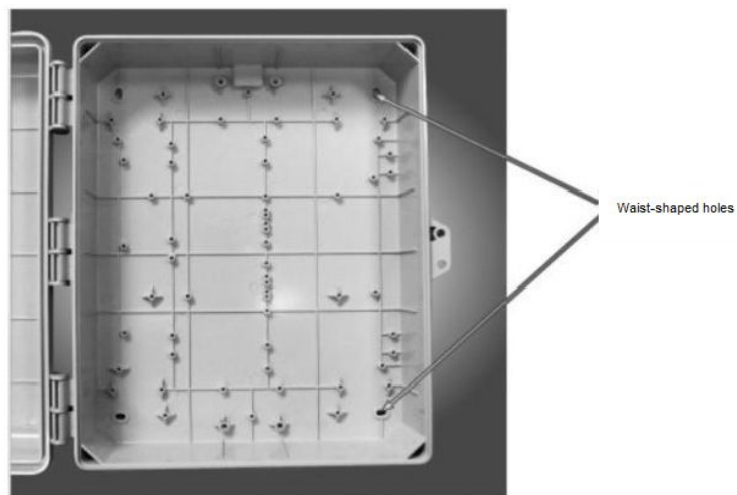
Waist-shaped holes

8. H-shaped fitting

When mounting the box on a wall, there are waist-shaped holes which can ensure smooth installation if there is a disrepancy between holes on wall and on the box.

When Thread the hose clamps through the H shaped fitting H-fitting. Secure the H-shaped fitting on the box using screws and nuts. Finally secure the clamp hoses on the pole.

Waist-shaped holes for walling mounting

Holes for wall mounting

Clamp hoses