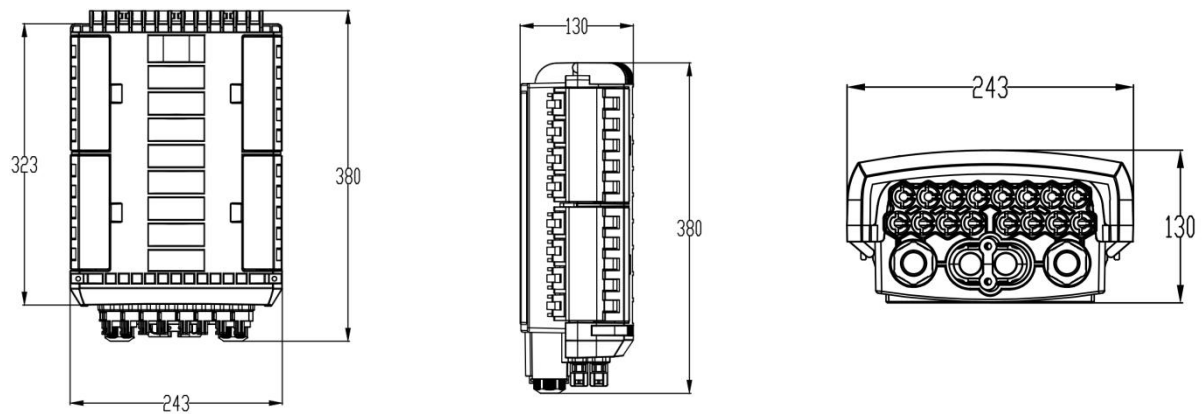# Fiber Terminal Box-16 Cores

Description

The equipment can connect the drop cable with feeder cable as the termination point in the Fttx network, which is cable to meet at least 16 users requirements. It can help splicing, splitting, storage and management with suitable space.
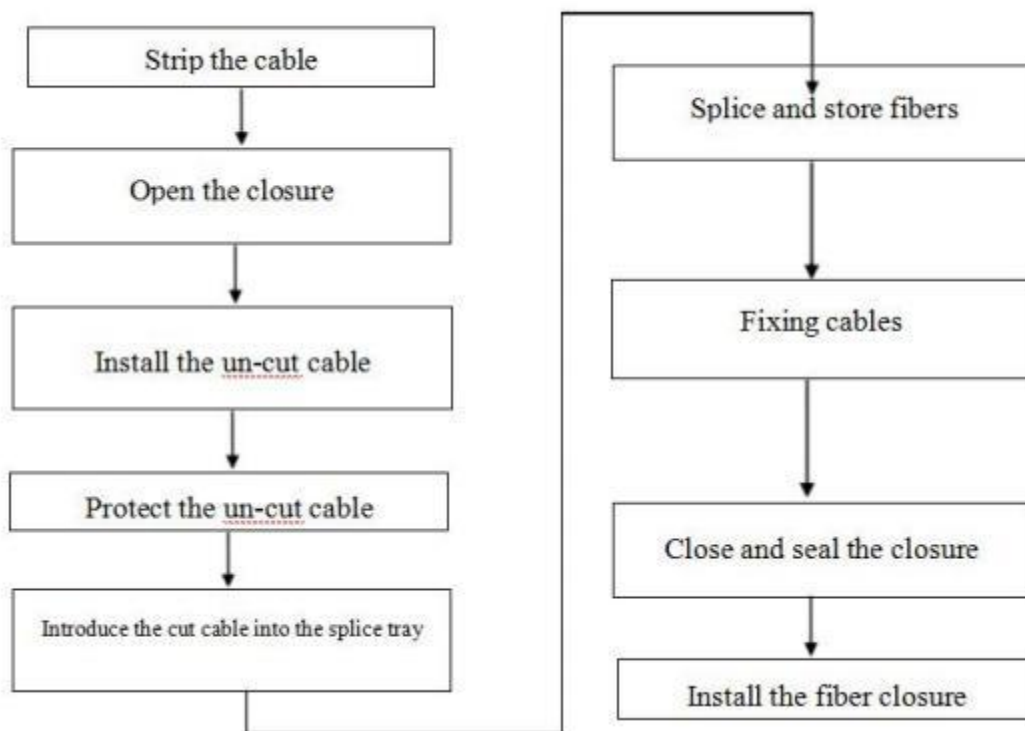
Specification

Dimension(mm)	380× 245× 130	Capacity	16 cores
Weight （kg）	4.5~5	Color	Black
Flame retardant performance	Non-flame retardant	Material	PP+Glass Fiber
Splitter	Can be with 2x1:8 tube splitter	Protection Level	IP68

The dimension diagram:(mm)

323   380   243

130   380   243   130

Installation instruction

| Strip the cable |
| Open the closure |
| Install the un-cut cable |
| Protect the un-cut cable |
| Introduce the cut cable into the splice tray |

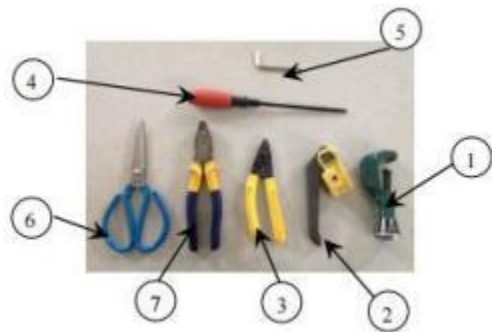| Splice and store fibers |
| Fixing cables |
| Close and seal the closure |
| Install the fiber closure |

Working procedure

1. Check up

1.1 (1)Check the item number and accessories of fiber closure. (2)Check the fiber specification.   (3) Check the parts quantity. (4) Check the instrument. (5)Tools as below picture
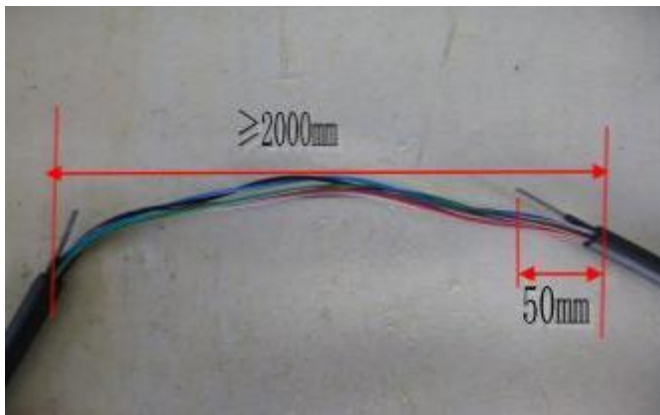

1. Transverse cutting knife for cable outer security layer.
2. The longitudinal open cable knife.
3. Steel core cut clamp.
4. Cross screwdriver.
5. M6 hexagonal socket wrench.
6. Scissors.
7. Cutting clamp

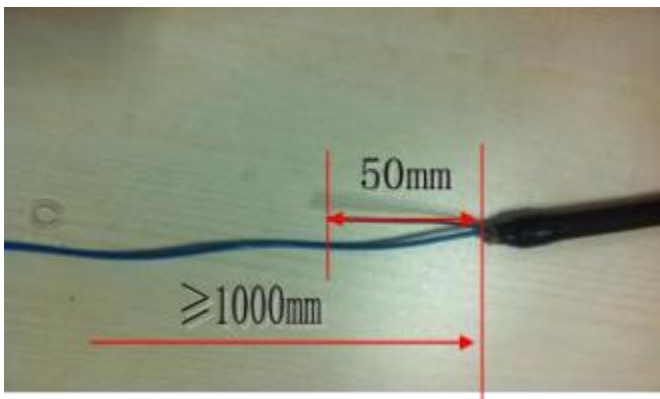## 2. The procedure to strip the cable fiber

2.1 Mark the cut point on the cable according to the different length requirements. 5.2.2

2.2 Strip the cable outer layer.

2.3 The requirement for stripping the un-cut cable. (1) The length should be no less than 2000mm；(2) Cut the steel core at the length of 50mm of the cable cut point.

2.4 The requirement for stripping the cut cable. (1) The length should be no less than 1000mm；(2) Cut the steel core at the length of 50mm of the cable cut point.

Note: (1)Be sure not to damage fiber. (2) Do not use any damaged cable.

3. Open The Closure

3.1 Use the tool to pry buckles.

3.2 Open the lid, take out the accessories.

3.3 In order to prevent the closure lid falling down when installation, take out the block from the splice tray installation bracket and put the block as below picture.

Block

Splice tray installation bracket

4. Un-cut cable and branch cable working procedure

4．1 Remove the plastic nuts and take out the cable sealing components as below pictures.

4.2 Cut the grommet to pass through the un-cut cable

4.3 Split the other two components, according to the sequence to install the un-cut cable mounting components.

4.4 After the cable passing through the ports into the box, tighten the hose clamps, fixing cable.

4.5 Fix back the the briquetting of the input port.

4.6 Use EVA tube to protect the bare fibers and winding the stripped cable by insulation tape as below pictures.

4.7 Cable get through in turn the plastic nut, washer, grommet, washer as below picture, then install to the closure port.

4.8 After the cable get through the closure, tight the hose clamp and fix the steel core of cable.

4.9 Then tight the plastic nut as below picture.

4.9.1 If no cable get through the cable ports, use plastic plug to seal the grommet as below pic.

5. Clear up the cable routing

5.1 Protect the bare fiber by coil tube and clear up the cable.

6. Introduce the cut cable into the splice tray

6.1 Protect the bare fiber by coil tube and clear up the cable, then introduce into the splice tray.

7. Fiber splicing process.

7.1 Introduce the fiber into the splice tray.

7.2 Splicing the fibers.

7.3 Put in the fusion sleeve into the splicing holder accordingly.

7.4 Use the tool to coil, storage the balance fibers.

To install the PLC splitter

7.5 Cover the splice tray cover and put back the tool on the tray cover.

8. Soft cable port working procedure

8.1 First insert the white parts of soft cable into the plastic nut, then move the plastic nuts to the black parts of the soft cable, then assemble the sealing components to the soft cable as below pictures and put in the pigtail to the closure ports and connect to the SC adptors. (Daub the grease on the sealing grommet if feels hard to insert the cable).

Note: The plastic nut only for cable diameter less than 4mm to insert.

8.2 Tighten back into the closure ports.

8.3 After tighten the bottom of the cable bolts, use the nylon tie to tie the cable for fixing cable.

9. Close the fiber closure
9.1 Close the closure and close the four buckles, also tighten the bolts.