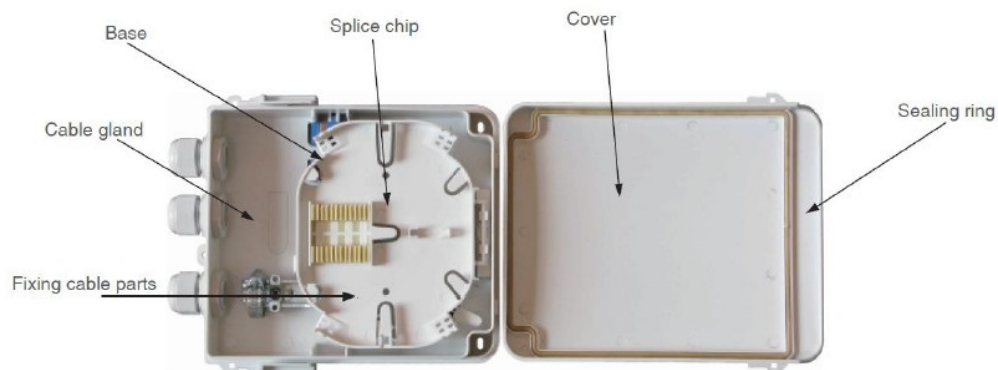


PAT OPWB

Optical plastic wall box PAT OPWB



Optical plastic wall box PAT OPWB is product for fiber to the home. The box is light and compact, it is used especially for connecting and protection for fiber cable of FTTx.

PAT OPWB features:

- Size: 210×175×50 mm
- IP65 protection
- Suitable for wall-mounting installation
- Suitable for SC adapters
- Box is easy to open by sliding shackle on both sides
- Applicable for outdoor cables or indoor soft cables
- Maximum capacity is 12 fibers



PAT OPWB

Instruction manual

PAT OPWB is a new generation product for fiber to the home. The box is light and compact, it is especially for connecting and protection for fiber cable of FTTH.

1. Features:

- It is suitable for wall-mounting installation;
- It is IP65;
- It is suitable for SC adapters installation and usage;
- It is easily to access the box by sliding shackle;
- It is applicable for outdoor cables or indoor soft cables;
- Size: 210×175×50mm;
- The maximum capacity is 12 fibers.

2. Internal structure



1. base 2. cable gland 3. fixing cable parts 4. splice chip 5. cover 6. sealing ring 7. for adapter fixing 8. splice tray 9. for coiling cable 10. sliding shackle

3. Usage

- 3.1 Open the outer package of box;
- 3.2 Cut the nylon tie, sliding slider, open the box;



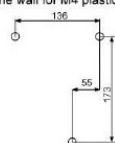
3.3 Make the fiber cable thrill through appropriate position of box, measure the length of 120cm from the end of cable and strip the protective layers. And then use EVA tube, and wrap the insulation tape. (The below installation is the example for outdoor cable application).

3.4 It could be used for both buried wiring and exposed wiring, please see below picture.



4. Install construction

4.1 Drill the 3 holes on the wall for M4 plastic expansion screw as below pictures.

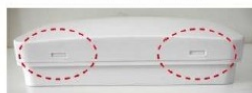


4.2 Put M4 plastic expansion screws into holes.

4.3 Mounting the box on the wall by 4×25 self-tapping screws. Cover the box, clasp sliding shackle, fasten it by nylon tie, or by lock.

When closing the box, please take note the below points:

1. First align the holes of lid with the buckles of the bottom



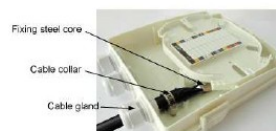
2. Then put the buckle of the lid as below picture;



3. Buckle up the sliding shackle, tie the box with nylon tie.



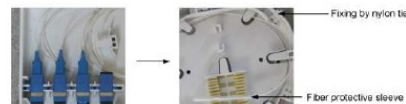
3.5 Put stripped cable into the cable gland, and come into the cable collar, put EVA tube on cable, fix the steel core by tight screw and draw the cable into splice tray. Meanwhile, adjust the cable gland and cable collar.



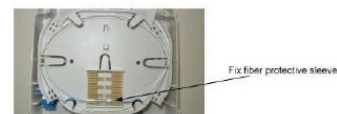
3.6 Open the screw, install the splitter, and then tight the screw to fix the splitter.



3.7 Put the adapters, insert the pigtails of splitter, then put the pigtails with EVA tube into the splice tray, fix the pigtails by nylon tie and connect to fiber protective sleeves.



3.8 Splicing pigtails with inlet cables, then heat the fiber protective sleeve, after heat the protective sleeve, put it into splice chip.



3.9 The fiber can be coiling in the splice tray, and the other balance pigtails can be coiling in the bottom cable hoop.