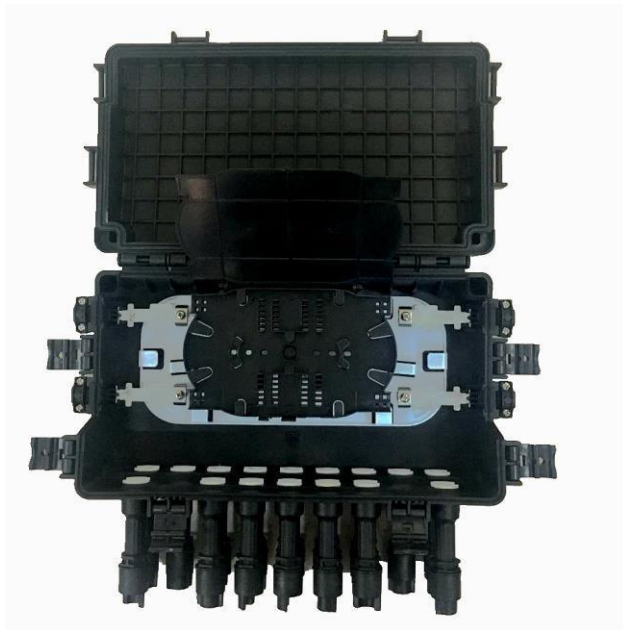


KDPA optic cable splice closure with fast connector exit



It is used to splice cable with max. 12.5mm dia. and allow 16 pcs drop cable with fast connector exit. Adopt engineering plastic in scientific formula with excellent mechanical strength, can prevent aging effectively caused by cold, hot, oxygen, UV etc. Can splice and connect the optic fibers in aerial, pole or wall mounting environment. Reliable sealing performance, convenient for repeated use.

Specification	Dia. (mm) Biggest point	Max capacity	No. Of Ports	Available Splitter	Max. Adapter Number
KDPA (16)-48	359*277*120	48 fibers 24F/tray	2 pcs round on both side: for 8-12mm 16pcs fast connector ports for drop cable	1pc 1*16 or 2pcs 1*8 micro PLC splitter	16
Mechanical sealing with Silicon rubber and Clip type lock.					

1. Feature

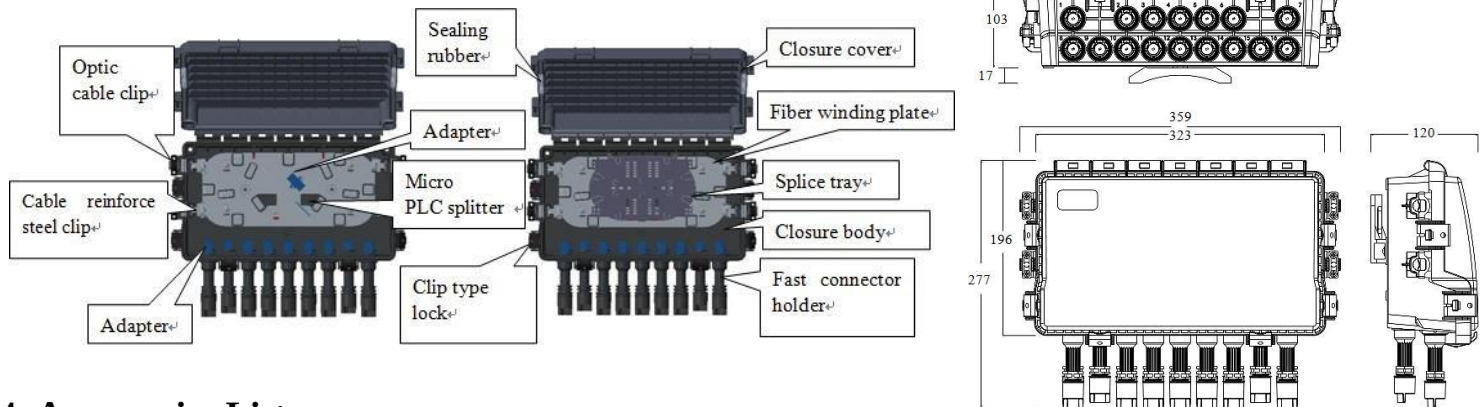
- Ingress Protection: IP65
- Seal with silicon rubber ring at the closure body and entry ports. Adopt plastic clip type lock for easy reopen and maintenance
- Provide 4 pcs 12~24F entry port block and sealing tape for flexible application. Guarantee a reliable and practical seal performance of the entry ports.

- Adapter number: max hold 16pcs simplex SC installation sized adapters.
- Splitter: available for 1pc 2:16 or 2 pcs 1:8 micro PLC splitter's adapters
- All the metal part use Stainless Steel material.
- Advantage of fast connector exit: No need to open the closure for adjusting the signal. Only plug the fast connectors to adjust. More convenience.

2. Main Technical Index

- Available optic fiber bending radius : $\geq 37.5\text{mm}$
- Excessive loss fiber length : $\geq 1.6\text{m}$
- Max splice capacity: 48F (single fiber)
- Working Temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Lateral pressure resistance: $\geq 2000\text{N}/10\text{cm}$
- Impact resistance : $\geq 20\text{N.m}$

3. Exterior Structure Diagram

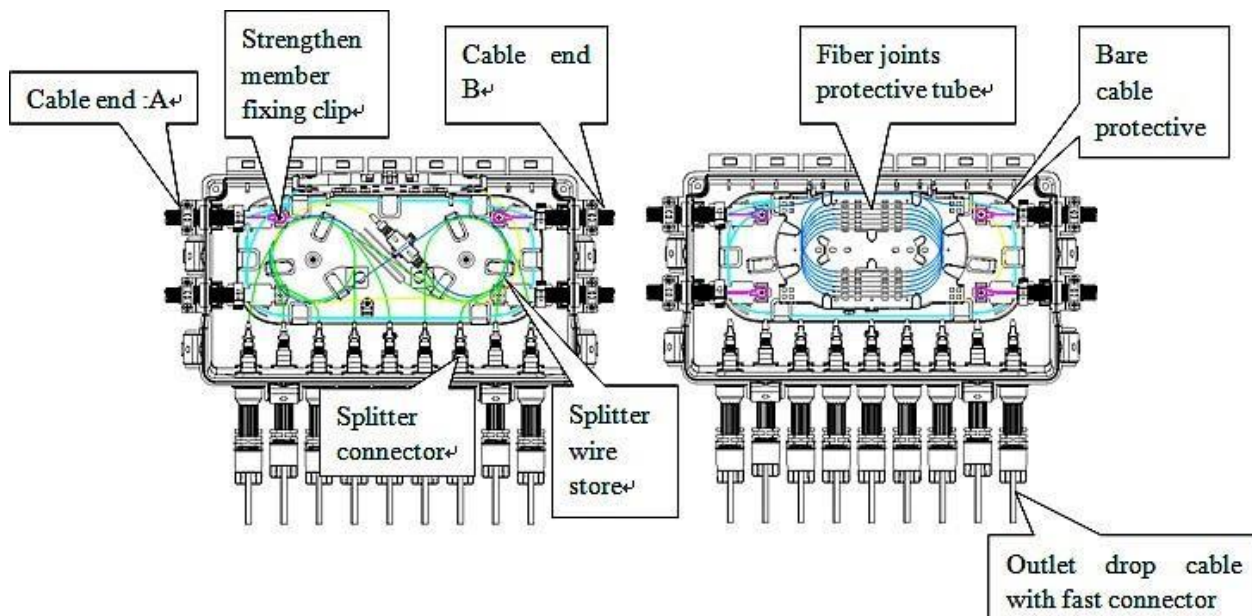


4. Accessories List

Item	Picture	Amount	Item	Picture	Amount
Hose clamp For cable fixing		Total 4 pcs	Wall fixing screws		1 bag
Sealing rubber for the fast connector ports		Total 16 pcs	Cable ports seal rubber		Total 8 pcs (2 size)
Fast connector ports		Total 16 pcs	Special wrench for fast connector ports		1 pc
Wall / pole mounting kits		1 set	Optic fiber joints protective tubes		Max. 48pcs

Number sticker		Based on splice capacity	Abrasive tape		1pc
PVC tape		1 roll	PE transparent tube for bare fibers		1 pc
Nylon tie		6 pcs			

5. Installation Guidance



- Strip the cable, remove jacket, loose buffer tube, clean the petroleum jelly cable filler in 1.6m length, leave 40-50mm reinforced steel stay outside. Then put the fibers through the transparent bare cable protective tube. Wrap the tubes with PVC tape for insulation protection. Cycle the optic fibers in around 100mm radius.
- Choose the suitable cable support rubber, adjust the cable dia with the PVC tape if needed.
- Put reinforced steel through the strength member fixing plate, adjust its distance, bend it more than 90°, leave 10mm outside, cut the spare core off, tighten the clip again.
- Guide the optic fibers into the splice tray. Using nylon strip to tie the transparent bare cable protective tube at the entry of the tray. Put the optic fiber through the fiber joints protective tube and fusion the fibers, then move



the tube to the middle place of the fusion place and shrink the protective tubes. Clip the fiber joints protective tubes in the tray grooves, and coil the optic fibers in the tray. (each tray to splice max. 24F. Max. two trays. Some splice directly with bring cable fibers, some splice with pigtails need to distribute.)

- If need to distribute the optic signal, led down the fusion pigtail into the fiber winding plate, and insert it into the adapter which connected with the main fiber of micro PLC splitter (available for 1 pc 1:16 splitter or 2 pcs 1:8 splitter). The split pigtails inserted to the adapters pre-installed in the exits, which will later connect with the bring-in fast connectors.
- Using the entry port blocker to seal the entry port unused. Put the sealing rubber ring into the groove and close the closure body and buckle up the clip type lock.
- Install the closure on the required place.