# GP01-H54JF4-24~48 In-line Optic Cable Splice Closure



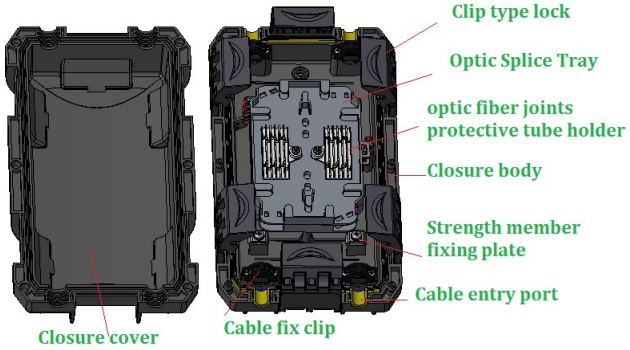

**GP01-H54JF4-24~48** In-line optic splice closure is specially designed to splice and protect fiber joints of all type of optic cable with dimension ≤12mm . It is mainly used to connect and branch optic cables in overhead, pipeline or manhole applications. Adopt high-intensity engineering plastics and formed by plastic injection mold under high pressures. Adding anti-UV, corrosive-resistance, aging-resistance elements, to be with long durability. Reopenable mechanical sealing system, simple and reasonable inner structure, easy installation, is a reliable option for communication network construction.

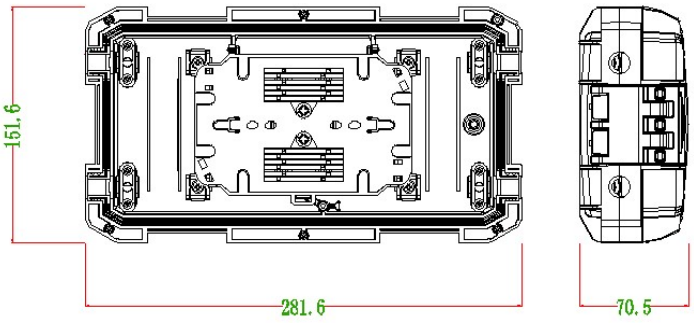
| Spec. | Size mm | Tray Capacity | Max. Splice capacity | Ports number & available cable dia. | Raw material |
|---|---|---|---|---|---|
| **GP01-H54JF4-24~48** | 281.6*151.6*70.5 | 24F/Tray | 48F | 2 inlets and 2 outlets for cable dia. Φ 6-12mm | Closure: Modified P.P. +GF<br>Tray:ABS<br>Metal: Stainless Steel |

**Technical Parameter:**

- IP: 67
- Working Temperature: -25 degrees centigrade~+60 degrees centigrade
- Fiber Curvature Radius ≥35mm
- Additional Loss after coiling in the closure :≤0.01dB
- Bare fiber storage length in the splice tray :≥ 1m
- Anti-Lateral pressure : ≥2000N/10cm
- Impact Resistance:≥20N.m

**2. Exterior Structure Diagram.**

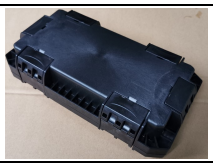
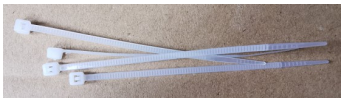



## 3. Packing info.

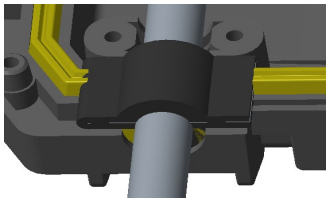
| Inner carton | Size | Weight | Outer carton | Size | Weight |
|---|---|---|---|---|---|
| 1 pc product | 32.5*20*10.5cm | 0.95kg | 10 pcs products | 40.5*53.5*37cm | 10.5kg |

## 4. Accessories List

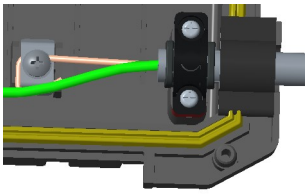
| Item | Amount | Picture | Item | Amount | Picture |
|---|---|---|---|---|---|
| Closure body and cover | 1 set |  | Splice tray | Based on splice capacity |  |
| Sealing Ring | 1 |  | Silicon gel strip | 2 |  |
| Aerial mount kits | 1 set |  | Optic fiber joints protective tubes | Based on splice capacity |  |
| Cable fixing clip | 1 sets |  | Transparent tube | Based on splice capacity |  |
| Abrasive tape | 1 pc |  | Nylon tie | 4pcs |  |
| Number sticker | 1 pc |  | Port blocker | 2pcs |  |

## 5. Installation Guidance

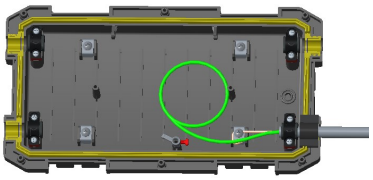
1.Remove the sheath of the optic cable. Spare 1.1-1.6m bare fibers and keep 30-50mm length of the strength member wire. Bend the wire > 90°. Put the bare fibers through the transparent tube. Use PVC tape to wrap the joint places of the cable and the transparent tubes.



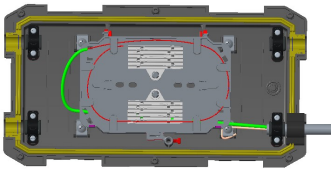
2.Put the silicon gel strip on the cable and fix it in the cable entry port.



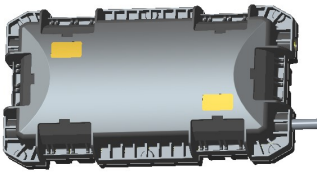
3.Put on the cable fixing clips and tighten the screws to fix the cable and strength member wires.



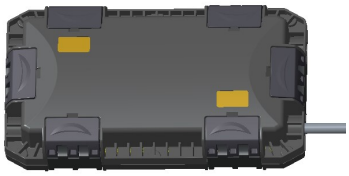
4. Wind the transparent tube protected fibers in fiber rings with a dia.>100mm



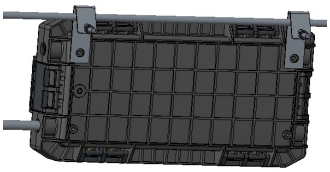
5. Guide and coil the optic fibers into the splice tray. Fusion the fiber joints and fix the optic protective tubes in the tray. Adjust the fiber rings, then put the tray cover on the top tray.



6. Wrap the port blocker with gel strip and put in the unused ports. Put on the closure cover to close the closure.



7. Close the clip type locks and cleaning the closure surface. Recheck the sealing of the closure.



8. Choose the suitable mounting kits. And fix it as required.