

Product Description:

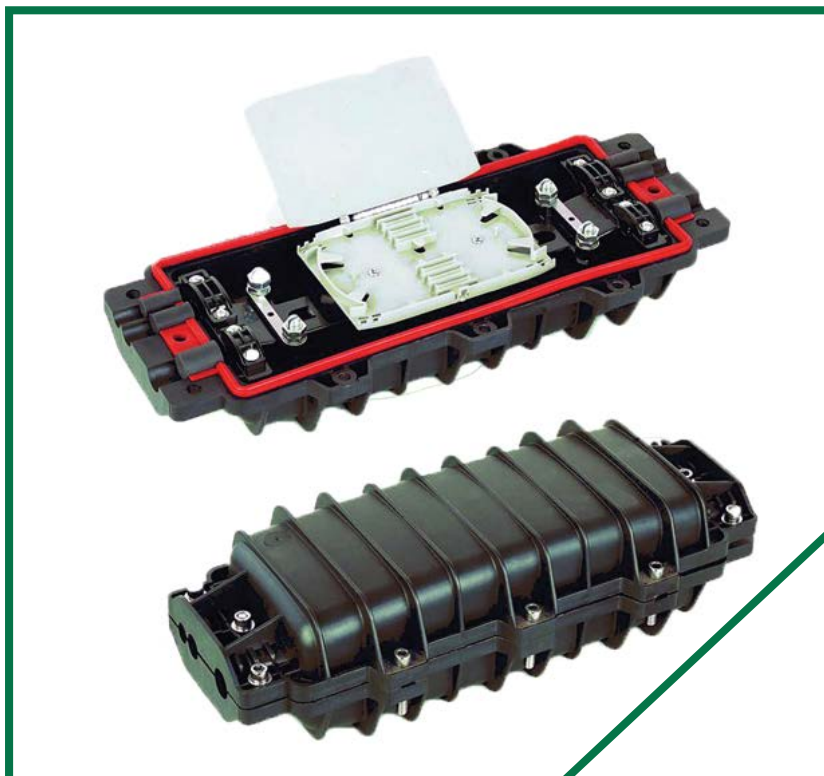
- Inline closure for straight-through and branching fiber splicing with robust cable fixation, protected tray management and long-term environmental sealing.
- Optimized for re-entry and field installation in aerial, underground pipeline, manhole and handhole applications.

Key Features:

- IP68 protection with high-strength sealing system
- 2-in / 2-out inline cable architecture
- Heat-shrink / silicone-gel assisted sealing options
- High-quality UV-stabilized industrial PC housing
- Stackable splice trays with ≥ 40 mm fiber routing radius
- Cable anchoring, strength-member fixation and grounding provision
- Re-enterable design for maintenance and network expansion

Applications:

- Straight-through backbone splicing
- Branching and cable repair points
- Aerial / strand installations
- Underground pipeline, manhole and handhole
- FTTx, LAN, CATV and telecom access networks



Technical Specifications:

Closure Type	Horizontal / inline, straight-through or branch splice
Fiber Capacity	48 / 96 / 144 / 192 / 240 / 288 fibers
Cable Ports	2 in / 2 out standard
Cable Diameter Range	8-22 mm
Housing Material	UV-stabilized, high-impact industrial polycarbonate (PC)
Approx. Dimensions	465 x 180 x 122 mm
Approx. Weight	2.5 kg
Sealing System	Heat-shrinkable ports and silicone/silica-gel assisted sealing, configuration dependent
Protection Rating	IP68 design per IEC 60529 when correctly assembled
Operating Temperature	-40°C to +70°C premium design range
Mechanical Performance	Axial pull $\geq$ 1000 N; compression $\geq$ 2000 N/100 mm; impact $\geq$ 16 N·m design target
Fiber Management	Stackable trays, splice sleeve retention, slack storage, routing radius $\geq$ 40 mm

Standards & Compliance:

Designed for IEC 60529 IP68 environmental protection, Telcordia GR-771-CORE closure performance criteria, IEC 61753-1 environmental performance framework and applicable IEC 61300 mechanical/environmental tests. RoHS/REACH-compliant material options available.

Ordering Information:

Part Number	Fiber Capacity	Recommended Tray Configuration
PL-FOHEV48	48F	2-4 trays x 12/24F
PL-FOHEV96	96F	4 trays x 24F
PL-FOHEV144	144F	6 trays x 24F
PL-FOHEV192	192F	8 trays x 24F
PL-FOHEV240/288	240/288F	10/12 trays x 24F

25-Year System Warranty

Subject to proper installation and certified components usage.