

LP-F2204096BK Horizontal Fiber Optical Splice Closure 4 port for 48 single cores or up to 96 tape shaped cores.

LPF2204096BK_SS_ENB01W

Features:

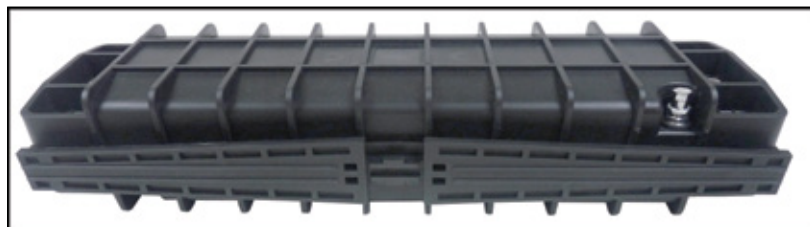
- 4 Port for 48 single cores or up to 96 tape shaped cores.
- The case body is made from high-intensity engineering plastics (ABS) and the shape formed with mould plastics under high pressure. It is in the shape of HALF rectangle, with the advantages of less weight, high mechanical resistance, corrosive - resistance, anti-thunderstruck and long service life.
- The case body and cable entrance are sealed with adhesive rubber strip (non-vulcanized) and sealed tape. Reliable sealing capability. It can be re-opened and easy to maintain.
- Unique disposition of 4 different cable loops ($\phi 12.5$, $\phi 17$, $\phi 20$, $\phi 22$) enables the user to choose different the outer diameter according to actual conditions, it enhances the reliability of the cable entrance sealing.
- Overlapping fiber-melting tray and separate insulation earth unit make the disposition of the cores, expanding the capacity and cable-earthing flexible, convenient and safe.
- Outer metal component and fixing unit are made of stainless steel, so it can be repeatedly used in different environments.
- Versatile Installation: Can be used aerial, buried or screwed to walls or poles.



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The **LP-F2204096BK** Horizontal Fiber Optical Splice Closure 4 port for 48 single cores or up to 96 tape shaped cores this product can be applied in the straight line and branch line (one into two, one into three) connections of optical cables within a diameter of 22mm(ϕ), all types and structures, when laid overhead, in the pipeline, underground or in the well.

It is also applied to the connection of all-plastic city phone cables.



A Main technical Specifications

External Size (length×width×height) [mm]	435 × 190× 120
Weight [Kg]	2.5
Optical fiber winding radius [mm]	≥40
Extra loss of fiber tray [dB]	≤0.01
Fiber length left in tray [m]	≥1.6
Fiber capacity	Single: 48 cores, Tape-shaped: 96 cores
Working temperature [°C]	- 40~ + 70
Lateral pressure-resistance [N/10cm]	≥2000
Shock-resistance [N.m]	≥20

B How to use

▶	Choose the cable loop with proper outer diameter and let it go through the optical cable. Peel the cable, take off the outer and inner housing, as well as loose contract tube, and wash off the filling grease, leaving 1.1~1.6m fiber and 30~50mm steel core.
▶	Fix the cable pressing card and cable, together with cable reinforce steel core. If the diameter of the cable is less than 10mm, first bind the cable fixing point with adhesive tape till the diameter has reached 12mm, then fix it.
▶	Lead the fiber into the melting and connecting tray, fix heat contract tube and heat melt tube to one of the connecting fiber. After melting and connecting the fiber, move heat contract tube and heat melt tube and fix the stainless (or quartz) reinforce core stick, make sure the connecting point is in the middle of the housing pipe. Heat the pipe to make the two into one. Put the protected joint into the fiber-laying tray. (one tray can lay 12 cores).
▶	Lay the left fiber in the melting and connecting tray evenly, and fix the winding fiber with nylon ties. Use the trays from the bottom up. After all the fiber has been connected, cover the top layer and fix it.
▶	Position it and use the earth wire in accordance with the project plan.
▶	Seal the cable retainer nearing the inlet of splice closure and the joint of the cable rings with sealing tape. And close the unused inlets with plugs, with exposed concave parts of the plug sealed with tapes. Then put sealing trips into the sealing groove on the sides of the shell and grease the concave part of inlet of the body between the two parts of the shell. Then close the two parts of the shell and tighten it with stainless steel bolts. The bolts should be screwed tightly with balanced force.
▶	According to the laying requirement, position and fix the hanging tool.

C How to Order:

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LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.