

Fiber Optic Splice Closure - 24 fiber - Horizontal - Aerial, Duct, Direct buried

MODEL: FOSC-24F-144



Plastic body bracket type



Metal cable holder type

Application

- This product is suitable for the direct connection of optical cables within $\phi 20\text{mm}$. It can be used in aerial, duct, direct buried and well laying application. It is also suitable for the local telephone cables connection.

Features

- All performance indicators meet the requirements of the latest national standards
- The outer box body is made of high-strength engineering plastics. It has features of light weight, high mechanical strength, anti aging, strong corrosion resistance, lightning resistance, and long service life
- The sealing of the box body and the cable port is made of integrally formed rubber, combined with multiple locking bolts, which has reliable sealing performance and is easy to open and maintain.
- According to the actual usage, the maximum cable inlet and outlet diameter is 20mm and the sealing plug is configured based on the needs, which effectively enhancing the reliability and stability of the box sealing.
- Stacked structure splice tray make the fiber core configuration and expansion flexible.
- Added cable holders on the outside of the box make the cable more firmly fixed
- Users can choose a metal or plastic cable holder structure.

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Main Technical index

- Fiber radius of curvature: $\geq 40\text{mm}$
- Optical disk additional loss: $\leq 0.01\text{dB}$
- Temperature Range: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Anti lateral pressure: $\geq 2000\text{N}/10\text{ cm}$
- Shock resistance: $\geq 20\text{N.m}$
- Protection grade: IP68

Product specification

▶ Size(mm): L x W x H	350*135*85
▶ Cable diameter(mm)	010~020
▶ Cable inlet/outlet	4
▶ Splice tray capacity	24(single core)
▶ Max splicing tray No	6
▶ Max capacity	144(single core)

Operations

- Choose a cable ring that is suitable for the outer diameter of the cable, Peel the cable, remove the outer sheath, inner sheath, and loose shrink tube, and clean and remove the oil filling paste inside the cable, leaving properly fiber length and 30-50mm steel core; (If the diameter is too small, wrap the optical cable with self-adhesive rubber tape until the diameter reaches 10-22mm before fixing it.)



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- Fix the optical cable with a cable holder outside the box, and fix the internal cable and reinforcing core Refer to the following figure.



- The optical fiber introduced into splicing tray, fixed with a tie, and clamped into the fiber groove after being fused by the fusion splicing machine (Each tray can be equipped with 24 fibers)



- Close the cover and use a wrench to lock the box tightly, ensuring that all bolt connection points are evenly stressed.



- Used for aerial installation, connect with hooks.



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1	Splice bag	Heat shrinkable tube (12pcs/bag)		According to needs
2	Metal accessories package	Hook	•	2pcs
		M5×20 Stainless steel bolts		2pcs
		M5 Stainless steel nut	◎	2pcs
		Wrench		1pcs
		Hexagon socket bolt M6x20		10pcs
3	Plastic accessories	Plug(20mm)		2pcs
4	Self adhesive tape	Roll		1pcs

Ordering Information:

Model: FOSC-24F-144

- FOSC: Fiber Optic Splice Closure
- 24F denotes 24 fiber
- 144 denotes Maximum Capacity