

■ General

Bismon is an arc, horizontal type. Innovative insert plates and fixing bolts are used to fix and seal FOOSC, and its installation is quite simple. The integrated seal fitting is installed between FOOSC housing and insert plates. Sealing is achieved by using 4 pieces of innovative insert plates and bolts.

■ Application

- Can be used in straight-through and branching application
- Can be used in aerial, underground, wall-mounting, handhole and duct mounting applications
- Can be mounted on a pole, wall or strand.



■ Feature

- The plastic parts are made of high strength engineering plastic therefore effectively prevent products from aging caused by coldness, heat, oxygen and ultraviolet radiation.
- The strong housing provide fire resistant, waterproof and quake-proof while protecting splices during pulling, torsioning and impacting.
- It ensures long-term reliability and usage.
- Suitable for bunchy and ribbon fiber.
- SLIDE-N-LOCK tray
- Innovative elastic integrated seal fitting.
- Easy to re-enter, it never requires re-entry tool kits.
- The closure is spacious enough for winding and storing fibers



■ Specification

- Operating temperature: -40°C to +65°C
- Sealing performance at normal temperature: Internal pressure: 70 KPa, without decrease in 72 hours
- Insulated resistance: $>2 \times 10^4 \text{M}\Omega$ (between the metallic components of the FOOSC, between the metallic components and the ground)

- Fiber storage device: the length of fibers housed in FOST is >1.6m, the bend radius is >30mm.
- Temperature circle: internal air pressure of 60KPa ± 5 KPa, temperature circle ranging from -40°C ~ +65°C, 10 times of the circular tests (one circular consists of high temperature for 2 hours + indoor temperature for 2 hours + low temperature for 2 hours + indoor temperature for 2 hours) when the pressure declines, the amplitude is ≅ 5Kpa, no air bubbles
- Intensity: at 15KV (DC) not being broken down, has no flying arc.
- Additional Loss : No additional loss when optic fibers are winded in the splice trays during installation and maintenance

Ordering information

Model no.	Cable entries	Max. No. of tray	Fiber count	Dimension (LxWxH) mm	Maximum cable diameter (mm)
B1-OPCL12P64	6 ports	4	96 (bunchy)	400mm x 185mm x 90mm	2 ports with diameter 16mm
			144 (ribbon)		4 ports with diameter 20mm

Accessories

- The accessories provided with the FOOSC : seal tape, insulation tape, special wrenches, hanging hook, emery paper, earthing wire, nylon tie, labeling paper, measuring paper, desiccant.
- Buffer tube and earthing deriving device are optional according to customers' actual requirement.