

Sales Catalog of HNK Telecommunication Products

Fiber Optic Splice Closure

288/672 Fibers Dome Fiber Optic Splice Closure (FOSC - D03E)

The generic D03E splice closure is an environmentally sealed enclosure for the fiber management system allowing splicing and passive component integration in the external network. The D03E closure is mainly applied in highly sensitive optical fiber networks over long distances, for example between two city rings. The D03E closures are the biggest in D03 category and allow for the processing of hundreds of fibers.

According to the height of the splice closure and the number of splice trays, we provide two size splice closures: D03E1 and D03E2. In the D03E1 closure, the maximum number of spliced fibers is 288. In the D03E2 closure, 672 fibers can be spliced off.



Features

- To adopt high-quality PP and other chemical assistant agent (ageing resistance & ultraviolet radiation resistance) make the splice closure has longer life time.
- The base and dome are sealed with a silicone rubber O-ring and a hoop locking system.
- Hoop locking structure system, no special tools are needed to open the splice closure, and it can be easy opened and used repeatedly.
- The inner parts and fixing parts are made of stainless steel.
- Closure with an earthing device protect it from damage by lightning.
- 16 round entry/exit ports for drop cables and 1 oval port for looped cable.
- The inlet/outlet cables adopt heat-shrinkable for ease of installation and reentry.
- Compatible with most common cable types: e.g. loose tube, central core, ribbon fiber.
- Modular groove plate and Splice trays are easy to insert and remove, can accommodate 24 splice trays (D03E1) or 56 splice trays (D03E2).
- Storage baskets are available for mass storage of fibers of central core cable constructions.



Specifications

Working Temperature	-25~+60°C	Storage Temperature	-40~+70°C
Humidity	93%(+30°C)	Air Pressure	70KPa~106KPa
Closure Material	PP	Splice Tray Material	ABS
Color	black	Max. Capacity (Per Tray)	12
Dimension (mm)	Φ298*504 (D03E1) Φ312*679 (D03E2)	Max. Capacity of Splice Trays	24 (D03E1) 56 (D03E2)
Max. Capacity (Fibers)	288 (D03E1, single fiber)	Max. Capacity (Fibers)	672 (D03E2, single fiber)
Cables Entry & Exit	8 round ports (Φ16mm), 8 round ports (Φ21.2mm)	Suitable for Cable Diameter of Round Port(Φ16mm)	Φ6-Φ16mm
		Suitable for Cable Diameter of Round Port(Φ21.2mm)	Φ6-Φ21mm
	1 oval port(31.6x90.6mm)	Suitable for Cable Diameter of Oval Port	Φ10-Φ25mm (x 2 cables)
Protective Level	IP68	Sealing Method	mechanical and heat-shrinkable seals