



FOSC-220J-A104 Fiber Optical Splice Closure

Product Description

Version: A

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1 Product Position and Feature

1.1 Product position

FOSC-220J-A104 series are dome-base closure with mechanical sealing, which are designed for all cable application environments such as duct, aerial, buried and man-hole. FOSC supports numerous functions as mid-span, branch and direct splice. Accommodated with flexible splice trays and various accessories are available for many scenarios. Rigorous tests are performed to approve the best quality for network reliability, the network position is shown in Figure 1-1.

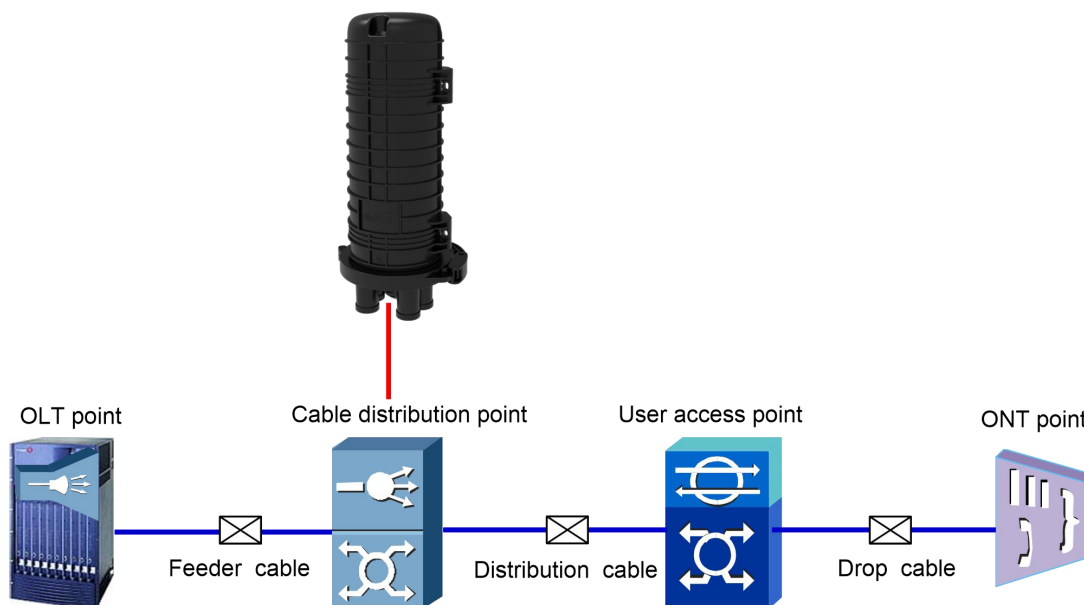


Figure 1-1 the network position

1.2 Product feature

- ◆ Dome-base design structure with mechanical sealing
- ◆ High strength modified polypropylene material
- ◆ Mid span operation without cutting the cable
- ◆ Flexible grommets for universal standardized cables
- ◆ Splitter without connector could be configured inside
- ◆ Easy for re-entry and re-open
- ◆ Ideal fiber management design
- ◆ Protection level: IP68

2 Product Structure

2.1 Appearance

The box provides termination, dust prevention and protection of the internal components. The appearance of fiber optical splice closure is shown in Figure 2-1.



Figure 2-1 The appearance of fiber optical splice closure

2.2 Overall layout

The overall arrangement of fiber optical splice closure is shown in Figure 2-2.

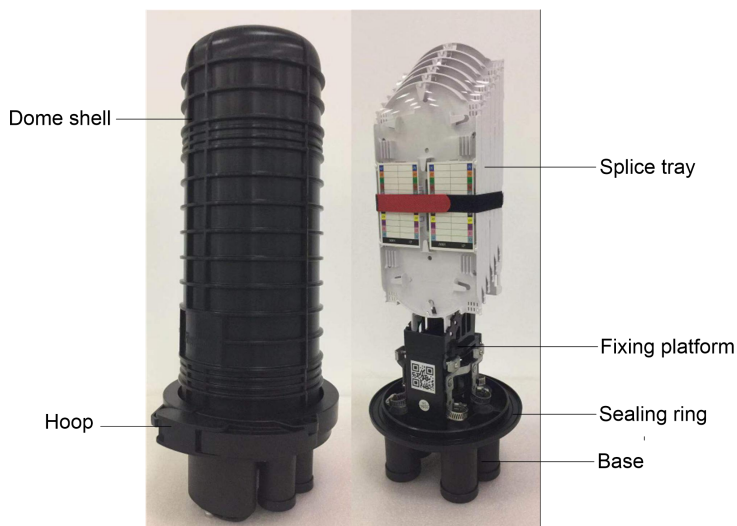


Figure 2-2 The overall arrangement of FOSC

2.3 Splice tray

Splice trays are used for fiber splicing and storage, has the function of turning up and limiting position, shown in Figure 2-3.

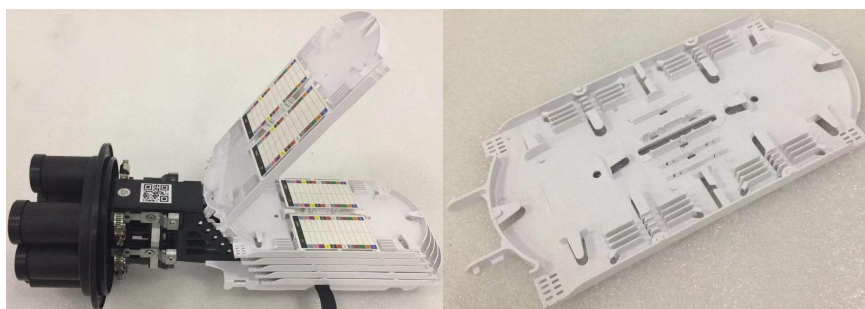


Figure 2-3 Install cable fixing plate

3 Application Scene

3.1 Application scene

The closure can be installed on the man-hole or buried environment, shown in Figure 3-1.

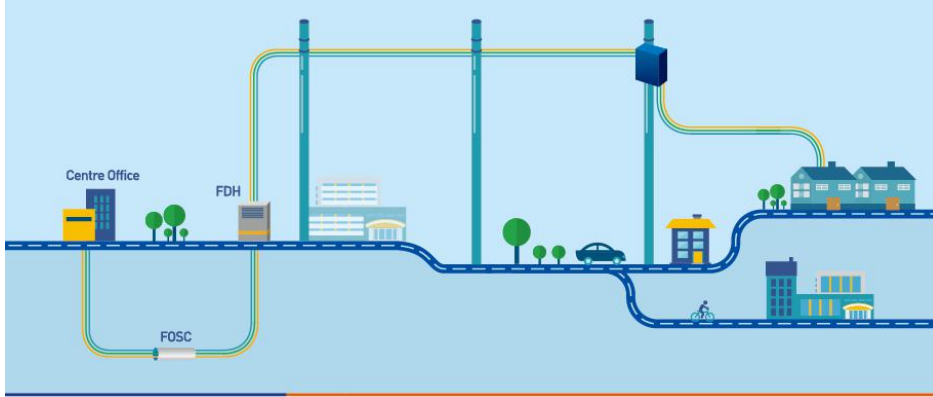


Figure 3-1 Application scene

3.2 Product routing

Strip the cut feeder cable, access it into the splicing tray with bare fiber protective tube, splice the fibers of the main cable and distribution cable in the splice tray directly, shown in Figure 3-2.

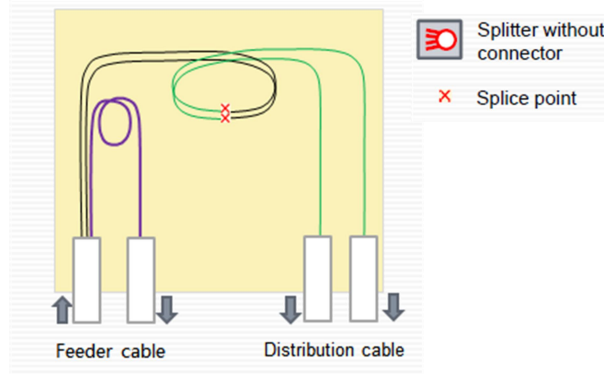


Figure 3-2 Fiber route without splitter

If necessary, the splitter can be mounted in the tray with the special slot. The input and output of the splitter are spliced with bare fibers of the feeder cable and the distribution cable, respectively. shown in Figure 3-3.

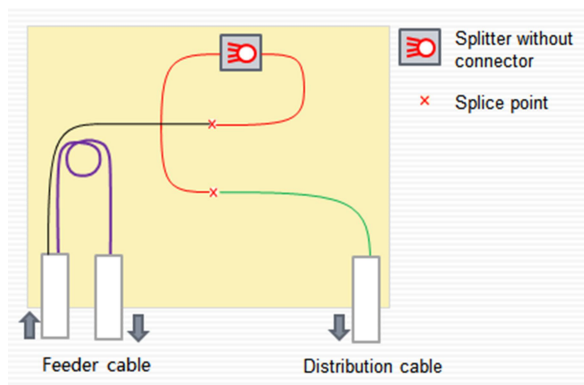


Figure 3-3 Fiber route with splitter

4 Technical Specification

The technical specification is shown in Table 4- 1.

Table 4- 1 Technical Specification

Item	Specification
Dimension(mm)(D x L)	Φ220 x 480
Splice tray capacity	Single fiber capacity: 24F
Max number of splice tray	6 pcs
Max capacity (single fiber)	144 cores
Sealing mode	Mechanical sealing
Temperature range(°C)	-40~+65
Main cable diameter maximum	18mm
Color	Black
Splitter could be configured inside	2 pcs 1:4 /1:8 splitter each, 1 pc 1:16 splitter