



HUAWEI SSC2101&2102 &2103-FH

Dome-type Closure

Building an Efficient Fiber Infrastructure



SSC2101&2102&2103-FH

The SSC2101-FH/SSC2102-FH/SSC2103-FH series dome heat-shrink closures are outdoor closures. They support pole/wall mounting, aerial cable mounting or man hole/hand hole installation. They are applicable to the feeder optical cable and distribution optical cable on an FTTx-ODN network, and implement pass-through, branching, and connection of optical cables.

Features & Benefits

Reliable sealing

- The upper and lower cases of the closure use the clamp-fit mechanical sealing technique and can be opened and closed without special tools, facilitating field installation and maintenance.
- The fiber cable hole adopts the heat-shrink sealing technique with excellent reliability, making the closure suitable for use in a manhole or hand hole.

Modular design

- Provides clear function interface to facilitate identifying the faulty route easily and maintain relatively independent functional spaces in the closure.
- Meets various capacity requirements through flexible configuration of splice trays.
- Two types of splice trays are available for choice and the two types of trays can be configured together. The thin tray achieves 12 cores of splicing; the thick tray achieves 24 cores of splicing.

High usability

- Made of excellent composite PP materials with strong anti-impaction and anti-corrosion performance, and a longer service life.
- Provides multiple entry holes to realize pass-through, branching, and connection.
- Designed with a valve to facilitate testing.
- Supports the air-blown cable solution with the special air-blown sealing component.

Structure



SSC2101-FH



SSC2102-FH



SSC2103-FH

Specification

Model		SSC2101-FH (Small-sized Tray)	SSC2102-FH (Big-sized Tray)	SSC2103-FH (Big-sized Tray)
Dimensions (mm)		Φ183 x 420	Φ183 x 540	Φ238 x 560
Dimensions of package (mm)		545 x 255 x 265	665 x 255 x 265	680 x 305 x 325
24-core thick splice tray	Max. splicing capacity (cores)	144	144	288
	Max. tray qty.	6	6	12
	Tray materials	PC+ABS	PC+ABS	PC+ABS
12-core thin splice tray	Max. splicing capacity (cores)	144	144	288
	Max. tray qty.	12	12	24
	Tray materials	PC+ABS	PC+ABS	PC+ABS
Splitting function		Supports FBT splitter 1:2, PLC splitter 1:4, 1:8, 1:16, 1:32, and 1:64.		
Hole qty.	Common cable hole (PCS)	5	5	6
	Pass-through hole	1 pair	1 pair	1 pair
Common cable hole diameter (mm)		Φ8–20	Φ8–20	Φ10–28
Pass-through hole diameter (mm)		Φ10–25	Φ10–25	Φ10–25
Net weight (kg)		1.7	2.1	3.5

Specification

Model	SSC2101-FH (Small-sized Tray)	SSC2102-FH (Big-sized Tray)	SSC2103-FH (Big-sized Tray)
Gross weight (kg)	3.0	3.4	5.0
Installation mode	Pole/Wall-mounted, manhole/hand hole, pensile aerial		
Cover materials	PP		
Base materials	PP		
RoHS	Compliant		
Color	Black		
Operating temperature	-40°C to +65°C		
Storage temperature	-40°C to +70°C		
Relative humidity	95%		
Pole diameter (mm)	Φ60–140		
Atmospheric pressure (kPa)	76–106		
Flame-retardant rating	UL94-HB		
Protection rating	IP68		