



HUAWEI SSC2101&2102 &2103-FM

Dome-type Closure

Building an Efficient Fiber Infrastructure



SSC2101&2102&2103-FM

The SSC2101-FM/SSC2102-FM/SSC2103-FM series dome closures are outdoor closures. They support pole/wall mounting, aerial cable mounting or man hole/hand hole installation. They are mainly applied at the access point of an FTTx-ODN network to connect and distribute optical cables and connect the drop cable to user devices.

Features & Benefits

Reliable sealing

- Mechanically sealed, facilitating field installation and maintenance.
- Adopts mechanical sealing with excellent reliability. It can be used in a manhole/hand hole, or on a pole/wall.

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.

Strong universality

- Supports flat drop cable (2 mm x 3 mm), round drop cable (Φ 5 mm, Φ 7 mm), and common optical cable (Φ 10–20 mm).
- Can be pole-mounted, wall-mounted, or installed in a manhole/hand hole universally to reduce storage variety.
- Supports the air-blown cable solution with the special air-blown sealing component.

Excellent adaptability

- Adopts composite PA+GF and PP materials with a longer service life, and complies with IP68.
- Provides multiple entry holes to realize connection, branching, splitting (if required), and distribution.

Structure



SSC2101-FM



SSC2102-FM



SSC2103-FM

Specification

Model		SSC2101-FM (Small-sized Tray)	SSC2102-FM (Big-sized Tray)	SSC2103-FM (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. spicing 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. spicing 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)	4	4	7
	Pass-through hole	1 pair	1 pair	1 pair
Drop cable capacity of every honeycomb plug	Drop cable: Φ7 mm	4	4	4
	Drop cable: Φ5 mm or 2 mm x 3 mm	6	6	6
Common cable hole diameter		Φ10–20 mm common cable or 2 mm x 3 mm/Φ5 mm/Φ7 mm drop cable		
Pass-through hole diameter (mm)		Φ10–20		

Specification

Model	SSC2101-FM (Small-sized Tray)	SSC2102-FM (Big-sized Tray)	SSC2103-FM (Big-sized Tray)
Net weight (kg)	2.1	2.5	3.9
Gross weight (kg)	3.5	3.9	5.5
Installation mode	Pole/Wall-mounted, manhole/hand hole, pensile aerial		
Cover materials	PA+GF		
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		