

48 PORT



120 PORT



144 PORT



## FIBERCORE DOME/ VERTICAL SPLICE CLOSURE

Models: FC-46-DSC-48 | FC-46-DSC-120 | FC-46-DSC-144

### Series Overview

FiberCore Vertical Dome Splice Closures are designed for aerial, wall-mounted, or buried outdoor fiber cable installations. Engineered with robust, weather-resistant housing and reliable sealing options, these closures ensure secure fiber splicing in demanding environments. Available in 48-core, 120-core, and 144-core configurations to fit various capacity needs.

### Features

- **48 Port**
  - Accommodates up to 48 fiber splices
  - Vertical dome design for efficient space utilization
  - High-strength engineering plastic, UV and corrosion resistant.
  - IP68 waterproof, dustproof, and weather-resistant protection.
  - Suitable for aerial, pole, wall-mount, and underground applications.
  - Reliable mechanical sealing with reusable rubber gasket.
- **120 Port**
  - Accommodates up to 120 fiber splices
  - Vertical dome design for efficient space utilization
  - High-strength engineering plastic, UV and corrosion resistant.
  - IP68 waterproof, dustproof, and weather-resistant protection.
  - Suitable for aerial, pole, wall-mount, and underground applications.
  - Reliable mechanical sealing with reusable rubber gasket.
- **144 Port**
  - Accommodates up to 144 fiber splices
  - Vertical dome design for efficient space utilization
  - High-strength engineering plastic, UV and corrosion resistant.
  - IP68 waterproof, dustproof, and weather-resistant protection.
  - Suitable for aerial, pole, wall-mount, and underground applications.
  - Reliable mechanical sealing with reusable rubber gasket.



Want to know more about FiberCore?

For more information visit [www.fibercore-plus.com](http://www.fibercore-plus.com) or contact [sales@fibercore-plus.com](mailto:sales@fibercore-plus.com)

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### Accessories

- Splice trays
- Splice sleeves (protection tubes)
- Cable fixing clamps
- Sealing rubber gaskets / O-rings
- Cable entry plugs / Shrink sealing tube (for unused ports)
- Installation kit (screws, mini cable ties, tape)

### Applications

- Aerial (hanger) installation
- Wall-mounting
- Splicing and distribution of various optical cables
- Used in backbone, distribution, and access networks
- Supports up to 144 splicing points (depending on model)

### Technical Specifications

Specifications	48 PORT	120 PORT	144 PORT
Dimension (mm)	140 x 300 mm	170 x 441 mm	201 x 506 mm
Weight (Kg)	1.9 kg	2.8 kg	3.1 kg
Cable diameter(mm)	Φ7-Φ18	Φ7-Φ18	Φ7-Φ18
Cable entry ports	1 oval & 3 round ports	3 in & 3 out	1 oval & 3 round ports
Splice tray no.	4 Splice Trays	5 Splice Trays	6 Splice Trays
Max. Capacity	48	120	144
Sealing structure	Heat shrinkable sealing	Sticky cincture	Sticky cincture
Water proof grade	IP68	IP68	IP68

Note: 48 port splice tray can only handle 12 splicing, while 120 and 144 splice tray can handle 24 splicing.

### Ordering Information

Description	Part No.
Dome/Vertical Splice Closure 48 port	FC-46-DSC-48
Dome/Vertical Splice Closure 120 port	FC-46-DSC-120
Dome/Vertical Splice Closure 144 port	FC-46-DSC-144



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