

Model YCDH-D048-3

Overview

Model The YCDH-D048-3 fiber optic splice closure is an ideal solution for protection of fiber connections and their further distribution. It can be installed directly in the ground, mounted on aerial network poles, as well as used for any outdoor or indoor installations. The maximum number of splices in the closure can reach up to 48. This is sufficient for application in all FTTH (fiber to the home) distribution networks.

All FOSC closures have a simple and reliable mechanical sealing system between the housing and the base. Cable ports are sealed with heat shrinkable tubes and installed using heat.

One size of cable sealing can be used for cables of different sizes and types. New cables can be introduced without affecting existing cables and/or splices.

FOSC is a truly universal and reliable platform for any fiber cable connection, both in outdoor networks and indoor environments. Moreover, the design of the YCDH-D048-2 splice closure makes installation very easy.

FOSC closures are supplied as a complete set with all necessary tools and accessories for installation.



Features

Resistant to vibration, ultraviolet radiation, and temperature fluctuations, ensuring durability and long service life
Provides protection against moisture and water ingress. Re-entry for repair does not require tools (up to 48 splices)

Does not require special tools for installation

Equipped with a system for fixing the central strength member of the cable and storing optical modules

Advanced internal design protects fibers from external impact

Provides sufficient space for storing fiber slack or optical modules. Splice trays can be easily added or removed

Can be used for branching connections. Branching connections are where most fibers pass through the closure, and only a few fibers are branched off to a building or Optical Network Module (ONM)

Fully suitable for storing "transit" loose buffer tubes. Options are available for trays for storing fiber bundles and ribbon fibers

Provides easy access to fiber splices during installation and splicing

Metal fixing elements are resistant to corrosion and mechanical impact

Splice tray and organizer design allows easy fiber and module arrangement inside the closure

Complies with RoHS

Operating temperature range: -40°C to +65°C. High-strength plastic provides service life up to 25 years

Recommended installation temperature: -5°C to +45°C

Cable entries for cables with diameter Ø5 mm to Ø19 mm

Oval cable entry for cables with diameter Ø10 mm to Ø25 mm

Technical index

Model No.	YCDH-D048-3	Color	Black
Number of input/outputs ports	5 pcs	Number of splice connections	48 pcs
Number of round ports	4 pcs	Number of oval ports	1 pcs
Number of splice trays	4 pcs	Adapter installation	NO
Diameter	180 mm	Height	420 mm
Sealing Method for Inlets	Heat shrinkable tubes		



Package Information:

- High-strength plastic housing
- Splice trays
- Patented sealing gasket (-40 to +65°C)
- Insulation tape
- Plastic sealing clamp
- Buffer tubes
- Ground wires
- Nylon ties
- Marking tape
- Moisture absorber
- Aluminum tape
- Heat shrinks tubes for each cable entry
- Consumables

