

FIBER OPTIC SPLICE CLOSURE

Dome Type

Techlogiks dome type closures are suitable for indoor and outdoor applications. It is well designed to provide enough space for branching and straight through applications having 24-288 fiber splicing capacity.



Applications:

- Telecommunication Networks
- Local Area Networks
- FTTH
- CATV Networks
- Active Device Termination

Features & Benefits:

- Reliable moisture-tight housing with hot melt type sealing
- Ribbed body structure protects against impact and compression
- Efficient fiber management by splice tray holding structure
- Ease of use for closure assembly, Aerial and underground use
- Easy clamping of tension member and grounding

Specifications

Size	420mm (Height) x 160mm (Base Diameter)x 180mm (Closet Ring Diameter)
Closure Material	PP
Splice Tray Material	ABS
Weight Kg	4 Kg
Inlet Port	4 Ports
Cable mm	Ø5~ Ø19
Number of Trays	6
Tray Capacity	24 Fibers (Max 48 Fibers)
Splicing Capacity	144 Fibers (Max 288 Fibers)
Splicing Method	Fusion, Mechanical
Splice Protector	Heat Shrinkable Sleeve, Mechanical Splice
Tension Member	Galvanized Steel Wire, FRP Wire

Environmental Parameters

Working Temperature	40 degrees centigrade~+70degrees centigrade
Atmospheric Pressure	70~150Kpa
Axial Tension	>2000N/1min
Stretching Resistance	2500N/10 square centimeter (1min)
Insulation resistance	>2*104MΩ
Voltage Strength	15KV/1min, no recover or breakdown
Pressure in the water	50m/72hours
IP Rating	IP 68

Splice tray with optical taking-in radius>40mm Low optical loss

Contents of fiber optic splice closure:

Clamp, Dome, Velcro strip with one X flake, Base, Splice tray, Tray lid, Shield continuity wires, Valve, Shield continuity connector, Sealing ring, Inner fixing part, Strength member, Support ring on the base

Oval outlet cable seal kit:

Heat shrinkable sleeve, Aluminum cable protection tapes, Abrasive strip, Branch off clip

Cable seal kit:

Aluminum cable protection tape, Heat shrinkable sleeve, Abrasive strip

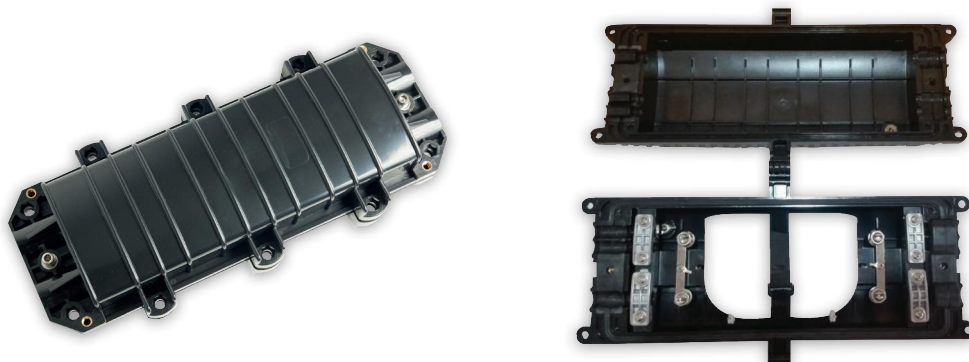
Other accessories: Desiccant, Shield continuity wires, Connector, Splicing protection tubing, Transparent tubes and tie wraps

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-FCD-24	24 Fiber Dome Type Fiber Optic Enclosures with Splice Tray
TL- FCD -48	48 Fiber Dome Type Fiber Optic Enclosures with Splice Tray
TL- FCD -72	72 Fiber Dome Type Fiber Optic Enclosures with Splice Tray
TL- FCD -96	96 Fiber Dome Type Fiber Optic Enclosures with Splice Tray
TL- FCD -144	144 Fiber Dome Type Fiber Optic Enclosures with Splice Tray

In-Line Type

Techlogiks In-line type closures closures can be used in underground, aerial, building entrance, Central Office Vault and pedestal application. The closure consists of outer cases, end caps, trays and inner kits. The splice closures have two cable entrance ports on each end. The outer cases consists of the upper and lower housing and constructed of highly chemical resistant material and attached a pressure valve on the upper housing. The trays are able to accommodate 24 individual fiber fusion or 12 individual fiber mechanical splices.



Applications:

- Telecommunication Networks
- Local Area Networks
- Data System Networks
- CATV Networks
- Active Device Termination

Features & Benefits:

- Reliable moisture-tight housing with hot melt type sealing
- Ribbed body structure protects against impact and compression
- Efficient fiber management by splice tray holding structure
- Ease of use for closure assembly
- Easy clamping of tension member and grounding
- Aerial and underground use