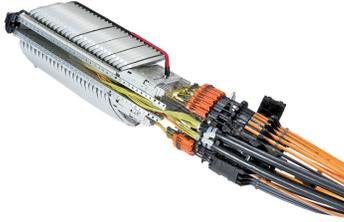# FIST-GCOG2-24-SERIES

Base Product

FIST® GCOG2 Fiber Optic Splice Closure, Gel Cable sealing

The generic gel closure FIST-GCOG2 24-series is an environmentally sealed, fully mechanical enclosure for the fiber management system that provides splicing and passive component integration in the external network. In addition the Dx24 version comes with a unique gel based sealing block, offering termination and sealing of up to 24 microducts and microcables with separate looped cable. It is therefore the solution for distribution and access points in FTTH networks using microduct systems.

Key features for the FIST-GCOG2 24-series closures:

- Flexible design
  - Single-ended design
  - Aerial, pedestal and underground (up to 2 meters) use
  - Fully mechanically sealed
- Advanced fiber management
  - FIST management system for fiber organization and splicing
  - Uncut fibers can be stored as single circuits in trays and/or as cable elements in the storage space between the profiles
- Superior sealing
  - Base to dome sealing with a clamp and O-ring
  - Gel block assembly consisting of:
    - Microtube termination/fixation part
    - Pre-installed re-enterable gel profile with double sealing action:
      - Sealing onto microtubes
      - Sealing between microtubes and blown fiber cable
      - Fiber cable termination part for tool less wraparound cable termination
- Sealing and termination of
  - Looped Feeder — Diameter range: 6-21 mm
  - 24 drop cables
    - Without use of microtubes — Diameter range: 4-7 mm
    - With use of microtubes
      - Up to 24 microtubes — Diameter range: 7-10 mm
      - Up to 6 microtubes — Diameter of 12 mm
      - Fiber cables inside the microtubes — Diameter range: 1.8-6.5 mm
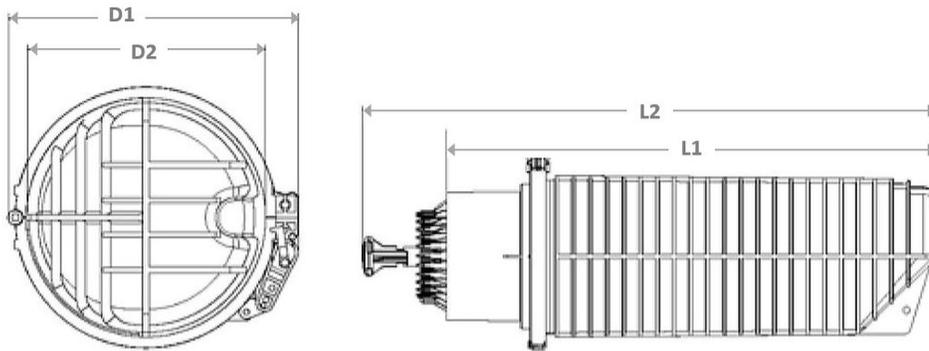
Product Classification

Regional Availability	EMEA
Product Type	Single-ended, round fiber closure
Product Brand	FIST®
Product Series	FIST-GCOG2

General Specifications

COMMSCOPE®

FIST-GCOG2-24-SERIES

Cable Entry Drop Port Style	Round
Cable Entry Main Port Style	Round
Cable Ports Quantity, total	1 oval port (2 cables) + 24 round ports
Cable Sealing Type	Compressed gel
Closure Sealing Type	Dome-to-base clamp with O-ring
Closure Style	Single-ended
Color	Black
Network Area Type	Distribution
Splicing Type, Supported	Single fusion

Dimension Drawing

Dimensions in mm

	Closure Type			
	DC24	DD24	DE24	DF24
L1	590	670	780	845
L2	690	770	880	945
D1	291	291	291	291
D2	247	247	247	247

Port Configuration

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FIST-GCOG2-24-SERIES

	DC24	DD24	DE24	DF24
20 drop ports				
1 tube each:	ø 7–10 mm	ø 7–10 mm	ø 7–10 mm	
1 cable wih microtube:	ø 1.8–7 mm	ø 1.8–7 mm	ø 1.8–7 mm	
Or				
1 cable without microtube:	ø 4–7mm	ø 4–7mm	ø 4–7mm	
4 drop ports				
1 tube each:	ø 7–12 mm	ø 7–12 mm	ø 7–12 mm	
1 cable wih microtube:	ø 1.8–7 mm	ø 1.8–7 mm	ø 1.8–7 mm	
Or				
1 cable without microtube:	ø 4–7mm	ø 4–7mm	ø 4–7mm	
2 main cable ports				
Looped cable:	ø 6–21 mm	ø 6–21 mm	ø 6–21 mm	
1 tube each:	ø 12 mm	ø 12 mm	ø 12 mm	

Ordering Tree

FIST - GCOG2 - XX 24 - XX

Closure size

		Class
DC	590 mm long 2 x 20 units UMS	A
DD	670 mm long 2 x 36 units UMS	A
DE	780 mm long 2 x 52 units UMS	A
DF	845 mm long 2 x 60 units UMS	B

Ground feedthrough Flash test point

		Class
NN	No ground feedthrough No flash test value	A
NV	Pre-mounted flash test point in dome No ground feedthrough	B

Material Specifications

Material Type   Impact-resistant polymer

Environmental Specifications

Environmental Space   Below ground | Buried

Qualification Standards   IEC 61300, 2 m waterhead

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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