



FIST-GCO2-F

Flat FIST Generic Closure Organizer

The generic closure FIST-GCO2-F is a compact version of CommScope's standard FIST-GCO2 closure. Like the FIST-GCO2, the FIST-GCO2-F is an environmentally sealed enclosure for the FIST fiber management system allowing splicing and passive component integration in the external network.

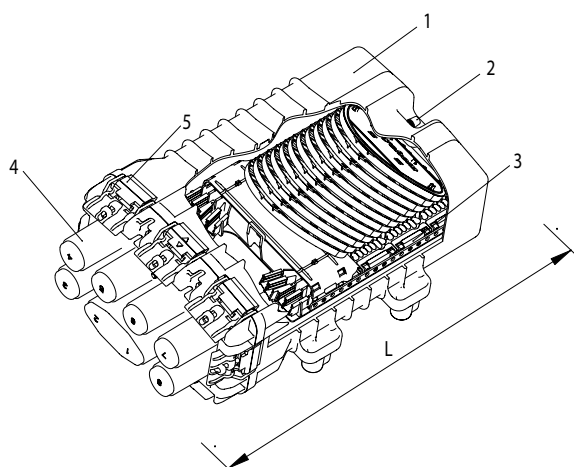
Features

- Single-ended design
- Base and dome sealed with latches and O-ring system
- Bases available with 6 round ports (drop cables) and 1 oval port (looped cables) or 8 round ports
- Single-sided UMS (Universal Mounting System) frame provides foundation for mounting combinations of SOSA2 (splice only sub-assembly) and/or FSASA2 (field-installable splitter array sub-assembly) modules, which consist of a modular grooveplate and trays
- Compatible with most common cable types: e.g. loose tube, central core, ribbon fiber
- Uncut fibers can be stored in trays
- Mounting ears available as part of the dome
- Well-suited for use in combination with heat shrink or multi-out gel seals
- Closure can be used in aerial, pedestal and underground (up to 5 meters waterhead) environments

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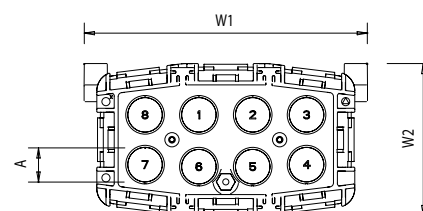
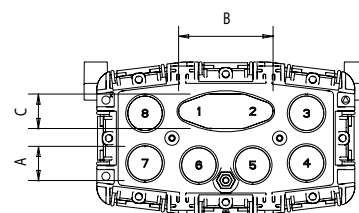
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Dimensions and Capacities



Key

- 1 Dome
- 2 Optional valve
- 3 Wrap-around grooveplates
- 4 Base
- 5 Latch



	GCO2-FC	GCO2-FD
Closure dimensions in mm		
Length (L)	384	432
Width at base (D)	279/150	279/150
Cable ports dimensions in mm		
Oval port (B/C)	82/30	82/30
Round ports (A/C)	30	30

Splice capacity	Fibers	Trays (16 UMS units) ¹	Fibers	Trays (24 UMS units) ¹
Single circuit splicing (2 primary coated fibers)	32	16	48	24
Single element splicing (12 primary coated fibers)	96	8	144	12
Ribbon fiber splicing (4/8-fiber)	64	8	96	12

¹ The space occupied by trays in the universal mounting system (UMS) is expressed as UMS units. One UMS unit equals 6mm. A single circuit tray occupies 1 UMS unit; a single element or 4/8 fiber ribbon tray occupies 2 UMS units; a 12-fiber ribbon tray requires 3 UMS units.

Capacities shown above are based on use of FIST-SOSA2 trays; capacity can be increased by the use of high-density versions of FIST-SOSA modules and trays. Please contact your local CommScope sales representative for more information.

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Cable port capacity in mm	Heat shrink		Gel Seal					
Oval port (2 cables/port)								
Minimum Ø	2x12		2x5					
Maximum Ø	2x25		2x18					
Round ports (6 or 8 depending on base chosen)	1 round cable/port		2 round cables/port	3 round cables/port	4 round cables/port	4 flat cables/port	8 round cables/port	16 round cables/port
	Heat shrink	Gel Seal	Gel Seal	Gel Seal	Gel Seal	Gel Seal	Gel Seal	Gel Seal
Minimum Ø	1x5	1x11	2x8	3x6.5	4x4	4x(6.5x11)	8x3	16x0
Maximum Ø	1x30	1x14	2x11	3x8	4x7	4x(6.5x11)	8x5	16x3

Ordering Information

FIST-GCO2 - XX X - X X

Type

FC	384mm long with 16 UMS units
FD	432mm long with 24 UMS units

Flash Test Valve

V	Pre-Installed flash test valve
N	No flash test valve

Number of Ports

6	Round ports + 1 oval port
8	Round ports

Ground feedthrough

G	Pre-Installed ground feedthrough
N	No ground feedthrough

Accessories

Cable Attachment Kits

Description	Quantity/package	Ordering number	
Universal strength member termination kit - Metallic/non-metallic strength members - Diameter range 1.5 – 5 mm - Includes: 1 or 10 strength member terminations; 1 or 10 screws; 1 Allen key	1 piece	FACC-UCT01	
	10 pieces	FACC-UCT10	
External cable fixation bracket - Cable securing frame - Mounts to base of closure with 2 screws - Used in combination with FIST-GCO2-RSKG Stores large quantities of small cables		FIST-GCO2-FX6-EXT/CF	

Accessories (continued)

Heat Shrink Cable Sealing Kits

Description	Cable diameter range in mm (minimum/maximum)	Ordering number	
Heat shrink seal kits for oval ports			
Single fiber loose tube cable - Seals 2 cables - Includes plastic sleeve to store uncut loose buffer tubes on the backside of the UMS profile - Includes 2 universal strength member termination kits	12-25	FIST-GCO2-OSK-LTS	
Central core cable - Seals 2 cables - Includes metal bracket to terminate central core cables	12-25	FIST-GCO2-OSK-CC	
Loose tube ribbon cable		FIST-GCO2-OSK-LTR	
Wrap-around cable seal kit - Seals 2 cables - Used in case of re-entry/repair	-	FOSC-CSEAL-2NW	
Heat shrink seal kits for round ports			
Single fiber loose tube cable - Seals 1 cable - Includes universal strength member termination kit	5-30	FIST-GCO2-RSK-LTS	
Central core cable (single fiber and ribbon) - Seals 1 cable - Includes metal cable fixation bracket and spiral tubing to terminate central core cables	5-25	FIST-GCO2-RSK-CC	
Loose tube ribbon cable		FIST-GCO2-RSK-LTR	
Wrap-around cable seal kit - Seals 1 cable - Used in case of re-entry/repair	-	FOSC-CSEAL-1NW	

Accessories (continued)

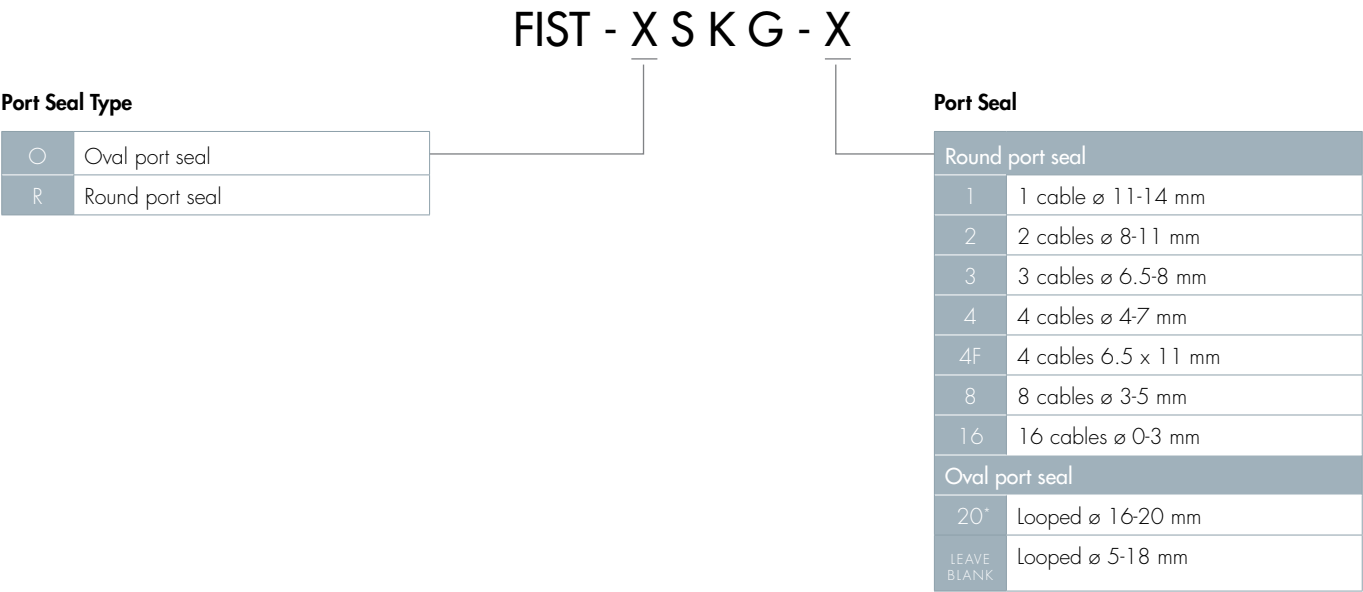
Multi-drop Cable Heat Shrink Seals for Round Ports

- Base with 6 to 8 round ports
- Port ø: 30mm
- Permits feeding of more than one cable through a round port
- Allows addition at a later date of cables to port already installed in the field
- Kits includes multi-termination plate with strength member fixations

Description	Diameter of first cable in mm	Diameter of additional cables in mm	Ordering number	
Kit for 1 cable and 2 tubes				
	14	9.5	FIST-GCO2-MULTI2/9	
	14	11.5	FIST-GCO2-MULTI2/11	
	12	12	FIST-GCO2-MULTI2/12	
Kit for single fiber loose tube cable (includes 3 tubes)				
		9.5	FIST-GCO2-MULTI3/9	
		11.5	FIST-GCO2-MULTI3/11	
For use with FIST-GCO2-MULTI kits				
Cable seal to seal cable onto tube			FIST-GCO2-MULTI-SEAL	
Multi-termination plate with 3 strength member fixations			FIST-GCO2-MULTHUCT	

Accessories (continued)

Gel-Seal Cable Sealing Kits for Oval and Round Ports



* For FIST-GCO2-Bx closures only