

# Splice Closure Fiber (SCF) Family

An Evolant®  
Solutions Product

## features and benefits |

<b>Sealed butt-style closure</b>	Environmental protection
<b>Aerial, wall, pole, direct buried</b>	Variety of applications
<b>Ribbon reel-end to reel-end splicing</b>	No additional splice trays required (ORS)
<b>Split end caps</b>	Easy installation of uncut cables
<b>Modular fiber management system</b>	Flexibility of configurations

## standards |

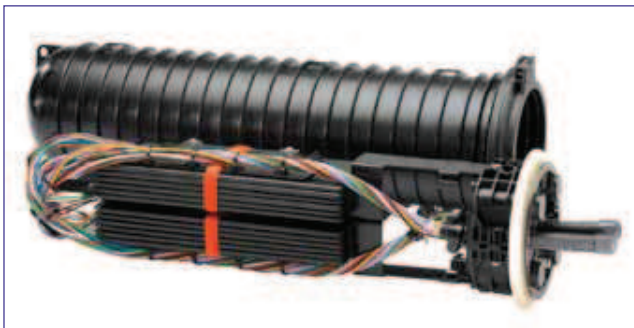
Telcordia GR-771 tested

RDUP listed

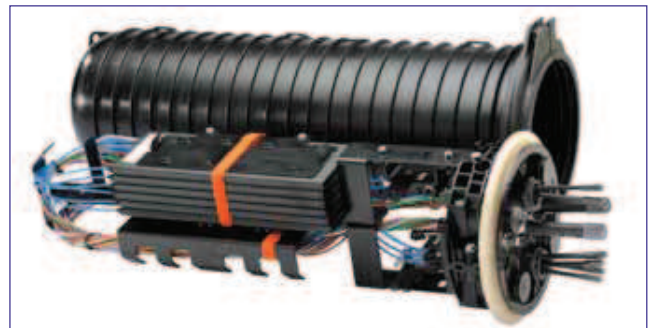
Corning Cable Systems Splice Closure Fiber (SCF) Family is designed for splicing fibers in aerial, duct and buried applications. These sealed canister closures are available in single-fiber loose tube (72 to 576) and ribbon fiber (288 to 1296) configurations. Allowing reel-end to reel-end splicing in the open ribbon system (ORS), the SCF closures offer split end caps for convenient installation of uncut cables. The QUICK-SEAL™ Mechanical Seal drop cable ports allow quick and easy installation during the initial build or for future expansion. The consolidation of multiport tails for up to 24 flat cables is accomplished with the optional add-a-cable kits. Designed for configuration flexibility, these closures offer expanded slack storage, various tray heights and mass platform storage.



SCF-6C28-ORS | Photo TRCLS 030



SCF-6C28-02 | Photo TRCLS 031



SCF-8C28-01-F | Photo TRCLS 032

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## specifications |

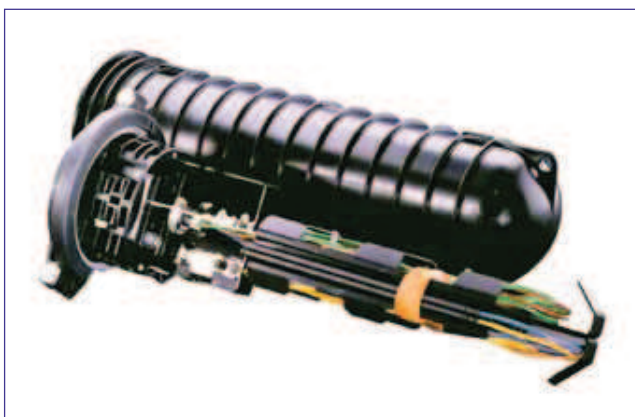
	Dimensions (W x L) in (mm)	Weight lb (kg)
<b>SCF-4C18-01</b>	4.6 x 18 (113 x 441)	6 (2.2)
<b>SCF-6C22</b>	6.6 x 22 (168 x 550)	14 (5.18)
<b>SCF-6C28</b>	6.6 x 28 (168 x 711)	16 (5.92)
<b>SCF-8C28</b>	8.2 x 28 (201 x 711)	22 (8.14)
	Dimensions (W x L) in (mm)	Weight lb (kg)

## Shipping Package

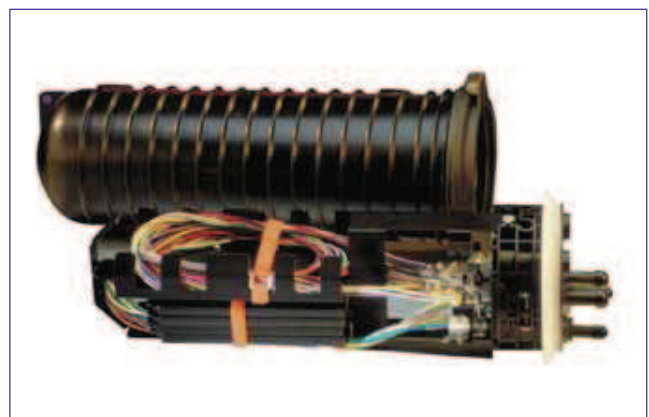
<b>SCF-4C-18-01</b>	6 <sup>3</sup> / <sub>8</sub> x 6 <sup>3</sup> / <sub>8</sub> X 23	8 (2.96)
<b>SCF-6C22</b>	8 <sup>3</sup> / <sub>4</sub> x 8 <sup>3</sup> / <sub>4</sub> x 26 <sup>1</sup> / <sub>2</sub>	16 (5.92)
<b>SCF-6C28</b>	8 <sup>3</sup> / <sub>4</sub> x 8 <sup>3</sup> / <sub>4</sub> x 32 <sup>1</sup> / <sub>2</sub>	18 (6.66)
<b>SCF-8C28</b>	10 x 10 x 33	25 (9.25)

*Note:*

- 1) Each 4-in canister is equipped to install one of the 3 available drop ports, ground for 2 cables.
- 2) Each 6-in canister is equipped to install two of the 4 available drop ports, ground for 2 cables.
- 3) Each 8-in canister is equipped to install two of the 6 available drop ports, ground for 2 cables.



**SCF-4C18-01** | Photo SHD46



**SCF-6C22-01** | Photo SHD107

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## specifications | (continued)

	<b>4-inch Canister 18-in LID</b>	<b>6-inch Canister 22-in LID</b>	<b>6-inch Canister 28-in LID</b>	<b>8-inch Canister 28-in LID</b>
<b>Internal Diameter in (mm)</b>	4.6 (113)	6.6 (168)	6.6 (168)	8.2 (201)
<b>Outside Diameter with Clamp in (mm)</b>	7.3 (179)	7.8 (198)	7.8 (198)	12.1 (296)
<b>Dome Length in (mm)</b>	18 (441)	22 (550)	28 (711)	28 (711)
<b>Ground Feed Through Cable Entries</b>	1	1	1	1
<b>Ports</b>	5	6	6	8
<b>Feeder/Express (cut/uncut) in (mm)</b>	2 x 0.5 - 0.8 (12 - 20)	2 x 0.5 - 1 (12 - 25)	2 x 0.5 - 1 (12 - 25)	2 x 0.5 - 1.3 (12 - 32)
<b>Drops (cut) in (mm)</b>	0.2 x 0.6 (3 x 5 - 15)	4 x 0.2 - 0.7 (5 - 18)	4 x 0.2 - 0.7 (5 - 18)	6 x 5.1 (12 - 25)
<b>Flat Drop Consolidation</b>	6	8	8	24
<b>Flat Drop Grommet Kit Part number (1 pc)</b>	SCF-KT-G42-F	SCF-KT-G62-F-STN	SCF-KT-G62-F-STN	SCF-KT-G84-F



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## specifications | (continued)

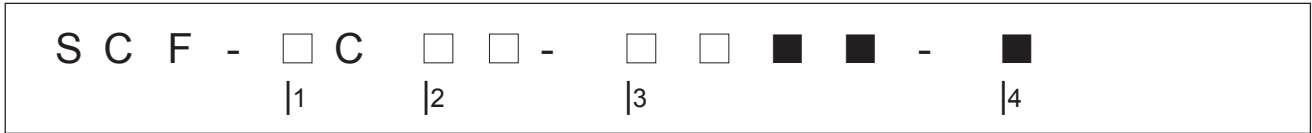
### End Cap

	4-inch Canister 18-in LID	6-inch Canister 22-in LID	6-inch Canister 28-in LID	8-inch Canister 28-in LID
	SCF-4C 18-01 (only configuration) 72 splices			
<b>Description (D x L) in</b>	4 x 18	6 x 22	6 x 28	8 x 28
<b>Splicing Capacity-01</b>	N/A	72	144	240
<b>Splicing Capacity-01-F</b>	N/A	96	192	288
<b>Splicing Capacity-02</b>	N/A	144	288	480
<b>Splicing Capacity-02-F</b>	N/A	192	384	432
<b>Splicing Capacity-ORS</b>	N/A	288	432	864
<b>Splicing Capacity-XORS</b>	N/A	N/A	N/A	1296
<b>Trays 0.2 in for Single-Fiber Splices Only</b>	SCF-ST-099	SCF-ST-099	SCF-ST-112	SCF-ST-112
<b>Trays 0.4 in for Single-Fiber or Mass Splices (for -F only)</b>	N/A	SCF-ST-116	SCF-ST-077	SCF-ST-077

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ordering information | Shaded areas represent optional selections.

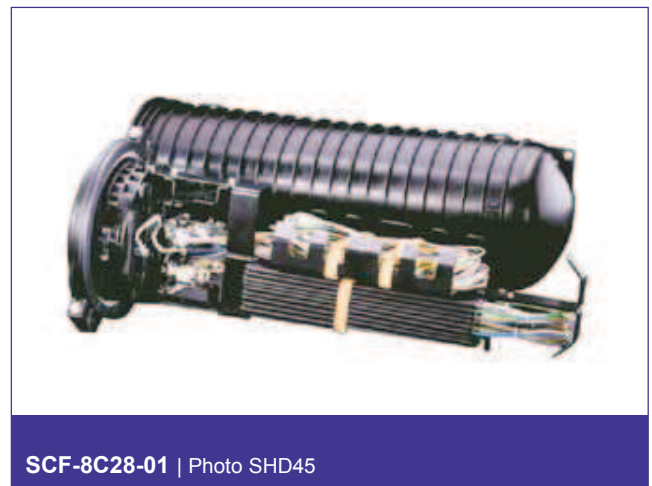


**|1**  
 Select closure diameter.  
 4 = 4-in  
 6 = 6-in  
 8 = 8-in

**|2**  
 Select closure length.  
 18 = 18-in (4-in only)  
 22 = 22-in (6-in only)  
 28 = 28-in (6-in and 8-in)

**|3**  
 Select fiber management configuration.  
 01 = Full slack storage basket - tray stacker  
 02 = Reduced slack storage - 2 tray stackers  
 ORS = 6-in and 8-in only (open ribbon system - does not require trays)  
 XORS = 8-in only (open ribbon system - does not require trays)

**|4**  
 Select splice tray stacker configuration.  
 Blank = 0.2-in tray height (single-fiber)  
 F = 0.4-in tray height (single-fiber or ribbon)



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## ordering information | (continued)

Part Number	Description
<b>Accessories</b>	
<b>SCF-KT-GND</b>	SCF Ground Kit, all sizes (2 bond clamps and leads)
<b>UCN-GND-SC20</b>	Ground Bonds, small with central member strain-relief (20 pack)
<b>UCN-GND-S20</b>	Ground Bonds, small (20 pack)
<b>UCN-GNDCBL-20</b>	Ground Leads (20 pack)
<b>UCN-KT-LB</b>	Silicone Lubricant for dome seal (10 pack)
<b>SCF-KT-ECR4</b>	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 4-in
<b>SCF-KT-ECR6</b>	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 6-in
<b>SCF-KT-ECR8</b>	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 8-in
<b>BKT-SC-C</b>	Aerial Hanging Bracket SCF (all sizes)
<b>SCF-POLE-BKT4</b>	Pole/Wall Bracket 4-in
<b>SCF-POLE-BKT6</b>	Pole/Wall Bracket 6-in
<b>SCF-POLE-BKT8</b>	Pole/Wall Bracket 8-in
<b>Add-a-Cable Kits</b>	
<b>SCF-KT-4CBL</b>	Add-a-Cable Kit for round drop cable in 4-in end cap (1 pack)
<b>SCF-KT-6CBL</b>	Add-a-Cable Kit for round drop cables in 6-in end cap (2 pack)
<b>SCF-KT-8CBL</b>	Add-a-Cable Kit for round drop cables in 8-in end cap (2 pack)
<b>SCF-KT-G42-F</b>	(1) 2-Hole Grommet Kit for 5 x 10 mm flat cable, 4-in
<b>SCF-KT-G62-F-STN</b>	(1) 2-Hole Grommet Kit for 5 x 10 mm flat cable, 6-in
<b>SCF-KT-G84-F</b>	(1) 4-Hole Grommet Kit for 5 x 10 mm flat cable, 8-in
<b>SCF-KT-G62-6</b>	(1) 2-Hole Grommet Kit for 5 to 7 mm round cable, 6-in
<b>SCF-KT-G62-8</b>	(1) 2-Hole Grommet Kit for 7 to 9 mm round cable, 6-in
<b>SCF-KT-G82-6</b>	(1) 2-Hole Grommet Kit for 5 to 7 mm round cable, 8-in
<b>SCF-KT-G83-11</b>	(1) 3-Hole Grommet Kit for 10 to 12 mm round cable, 8-in

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notes |

| TRAINING | SPlice AND TEST EQUIPMENT | COPPER CONNECTIVITY | HARDWARE | CABLE ASSEMBLIES | CONNECTORS | CABLES | PRETERMINATED SYSTEMS |

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notes |

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