

Medium Single-Fiber Splice Closure

Mechanical End Cap SCF-6C22

An Evolant™ Solutions Product

Corning
Cable Systems

Description

The Corning Cable Systems Medium Single-Fiber Splice Closure offers the ultimate in fiber management flexibility and cable access. Ranging in capacity from 72 single to 288 mass 12-fiber ribbon splices, this closure can match any local and many long-haul projects.

Features / Benefits

- -01 configuration allows maximum slack storage
- -02 configuration accommodates maximum fiber splicing
- -F accommodates 0.4-in splice trays
- Canister closures complete with strain-relief and grounding hardware for two express ports
- Strain-relief hardware and grommets for two of four drop ports included in a variety of cable sizes
- Various two-hole grommets available to expand port capability
- Craft-friendly drop ports sealed until needed
- Easily reenterable for future expansion
- Reusable sealing ring
- Aerial, direct-buried or underground applications
- Allows expansion to our in-line closure in the field by ordering SCF-6T30-KT-CONV



SCF-6C22-01-F | Photo SHD107



SCF-6C22-02-F | Photo SHD102

Medium Single-Fiber Splice Closure

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Cable Systems

Part Number	Description
SCF-6C22-01	6- x 22-in canister with six 0.2-in tray shelves and one slack basket
	Single-fiber splice capacity: 72 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-01-72	6- x 22-in canister with six 0.2-in tray shelves and one slack basket
	<i>Note: Includes six SCF-ST-099 splice trays.</i>
	Single-fiber splice capacity: 72 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-01-72-AH	6- x 22-in canister with six 0.2-in tray shelves and one slack basket
	<i>Note: Includes six SCF-ST-099 splice trays and BKT-SC-C (Aerial Hanging Bracket).</i>
	Single-fiber splice capacity: 72 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-02	6- x 22-in canister with twelve 0.2-in tray shelves
	Single-fiber splice capacity: 144 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-01-F	6- x 22-in canister with four 0.4-in tray shelves and one slack basket
	Single-fiber splice capacity: 96 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-116
	12-fiber mass ribbon splice capacity: 144
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: SCF-ST-116
SCF-6C22-02-F	6- x 22-in canister with eight 0.4-in tray shelves
	<i>Note: (-F) requires 0.4-in tray, SCF-ST-077 tray accommodates up to 24 dual stacked single-fiber heat-shrink splices or up to 72 mass fusion splices in the slanted organizer.</i>
	Single-fiber splice capacity: 192 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-116
	12-fiber mass ribbon splice capacity: 288
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: SCF-ST-116

Notes:

SCF-6C22 closures have two to four drop port hardware included. Add one SCF-KT-6CBL kit to fully configure the closure. Trays must be ordered separately unless otherwise noted.

Ribbon fiber may be spliced in this tray-based system; however for ribbon-to-ribbon splicing, Corning Cable Systems recommends SCF-6C22-ORS.

Medium Single-Fiber Splice Closure

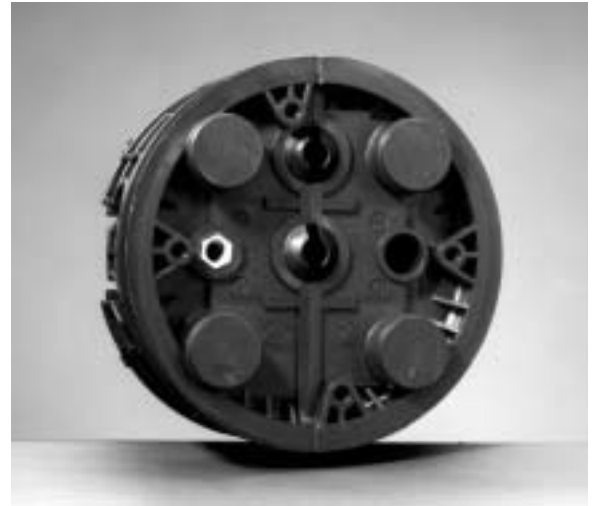
Mechanical End Cap SCF-6C22

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Corning
Cable Systems

Description

The SCF 6-in, 2-piece end cap includes two open express ports across the seam and four sealed QUICK-SEAL™ Mechanical Seal drop ports that are sealed until needed. Two ground feed-throughs are available; add -2G to part number when ordering.



SCF 6-in, 2-Piece End Cap (SCF-KT-6EC) | Photo SHD56

Specifications

Parameter	Dimensions
Closure Diameter	6.6 in (168 mm)
Max Diameter (w/clamp ring)	7.8 in (198 mm)
Dome Length	22 in (550 mm) 28 in (711 mm)
Ground Feed-Through	1 or 2

Cable Capacity	Minimum/Maximum Cable Diameter
2 Express Ports	0.98 in (25 mm)
4 QUICK-SEAL Mechanical Seal Ports	
Small Inserts	0.20-0.39 in (5-10 mm)
Medium Inserts	0.39-0.57 in (10-14 mm)
Large Inserts	0.57-0.71 in (14-18 mm)

Medium Single-Fiber Splice Closure

Mechanical End Cap SCF-6C22

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Cable Systems

Accessories for 6-in Canister or In-Line

Part Number	Description
SCF-INST-BKT6	Table Installation Bracket for 6-in SCF QUICK-SEAL™ Mechanical Seal or heat-shrink closures
SCF-KT-6GND	Grounding Kit includes two bond clamps and 6 ga ground straps; fits all SCF sizes
SCF-KT-6CBL	Add-a-Cable Kit for two drop cables in 6-in end cap
SCF-KT-6SLK	6-in SCF Slack Basket (included in -01 [-F] versions)
SCF-KT-6STKR	6-in SCF 0.2-in tray stacker (6 shelves)
SCF-KT-6STKR-F	6-in SCF 0.4-in tray stacker (4 shelves)
SCF-ST-SSB-F	6-in Short Stack Basket, two 0.4-in tray stacker shelves and a reduced slack basket
SCF-KT-6EC	6-in SCF QUICK-SEAL Mechanical Seal End Cap with one ground feed-through
SCF-KT-6ECG	6-in SCF QUICK-SEAL Mechanical Seal End Cap with two ground feed-throughs
SCF-KT-ECR6	6-in SCF QUICK-SEAL Mechanical Seal End Cap with two ground feed-throughs includes end cap, tape, paste, end cap tool and lube
SCF-4-6-PLUG	Dummy Plug for 4-in and 6-in QUICK-SEAL Mechanical Seal End Cap Express Port
UCNC6-KT-SR	One-Piece White Sealing Ring for 6-in canister closures
SCF-G62-L3	One 2-Hole Grommet Kit for 6-in closure, 2.5 mm, one each blue and black 6 ga 24-in ground leads
SCF-KT-G62-6	One 2-Hole Grommet Kit for 6-in closure, 6.2 mm
SCF-KT-G62-2	2-Hole Grommet Kit (2.5 mm) for 6-in closure (grounding and toning cables only)
SCF-KT-G62-8	One 2-Hole Grommet Kit for 6-in closure, 8 mm
SCF-KT-G62-F	One 2-Hole Grommet Kit for 5 x 10 mm flat cable 6-in closure
SCF-KT-DP6PLUG	Solid Grommet Kit for 6-in closure (5 pack)
SCF-WALL-BKT6	Wall-Mount Bracket for 6-in SCF canister closures
SCF-POLE-BKT6	Pole-Mount Bracket for 6-in SCF canister closures
BKT-SC-C	Aerial Hanging Device for SCF in-line or canister closures
SCF-6ECT	6-in End Cap Tool for QUICK-SEAL Mechanical Seal End Caps; one included with closure
SCF-KT-EXP-SM	4-in and 6-in Express Port Hardware Kit
SCF-6T30-KT-CONV	Conversion Kit from canister to in-line, 30-in length includes U-bar, end cap, in-line cover and conversions parts needed; does not increase splice capacity, only cable entries
SCF-6CRING	6-in SCF Clamping Band

Medium Single-Fiber Splice Closure

Heat-Shrink End Cap SCF-6C22 (-HS)

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Cable Systems

An Evolant™ Solutions Product

Description

The 6-in Canister Closure includes an 8-port heat-shrink end cap and one oval HS kit (HS3). It will accommodate up to 10 cables.

Features / Benefits

- -01 configuration allows maximum slack storage
- -02 configuration accommodates maximum fiber splicing
- -F accommodates 0.4-in splice trays
- Craft-friendly drop ports sealed until needed
- Easily reenterable for future expansion
- Reusable sealing ring
- Aerial, direct-buried or underground applications



SCF-6C22-HS-02-F | Photo SHD101

Part Number	Description
SCF-6C22-HS-01	6- x 22-in canister with six 0.2-in tray shelves and one slack basket
	Single-fiber splice capacity: 72 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-HS-02	6- x 22-in canister with twelve 0.2-in tray shelves
	Single-fiber splice capacity: 144 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-099
	12-fiber mass ribbon splice capacity: N/A
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: N/A
SCF-6C22-HS-01-F	6- x 22-in canister with four 0.4-in tray shelves and one slack basket
	Single-fiber splice capacity: 96 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-116
	12-fiber mass ribbon splice capacity: 144
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: SCF-ST-116
SCF-6C22-HS-02-F	6- x 22-in canister with eight 0.4-in tray shelves
	Single-fiber splice capacity: 192 fibers
	Suggested splice tray for single-fiber heat-shrink splices: SCF-ST-116
	12-fiber mass ribbon splice capacity: 288
	Suggested tray for 12-fiber mass ribbon heat-shrink splices: SCF-ST-116

Note:

Ribbon fiber may be spliced in this tray-based system; however for ribbon-to-ribbon splicing, Corning Cable Systems recommends SCF-6C22-HS-ORS. Trays must be ordered separately unless otherwise noted.

Medium Single-Fiber Splice Closure

Heat-Shrink End Cap SCF-6C22 (-HS)

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Cable Systems

An Evolant™ Solutions Product

Description

The Heat-Shrink End Cap offers multiple cable configurations for maximum flexibility. SCF-6C22-HS-02 can accommodate up to 144 single-fiber splices.

Allowing up to 20 (6-fiber) flat cable drops (max 144 splices), the SCF-6C28-HS-02 can accommodate up to 288 single-fiber splices allowing 20 (12-fiber, 240 splices) flat cable drops. A 3-finger branch clamp is placed between the cables. The glue finger melts to form the seal, as the heat-shrink sleeve is shrunk-to-fit.

Several heat-shrink kits are available, and branch clamps may be purchased in 10 packs.



SCF-6EC-HS/Heat-Shrink End Cap | Photo SHD76

Specifications

Parameter	Dimensions
Closure Diameter	6.6 in (168 mm)
Max Diameter (w/clamp ring)	7.8 in (198 mm)
Dome Length	22 in (550 mm)
Ground Feed-Through	2

I.D./Maximum Cable Diameter	Minimum/Maximum Cable Diameter
Oval Port: 1 Cable	1.65 in (41.4 mm)
Oval Port: 2 Cables	1.1 in (28 mm)
4 Small Round Ports	0.51 in (12.7 mm)
3 Large Round Ports	1.29 in (32.5 mm)

Medium Single-Fiber Splice Closure

Heat-Shrink End Cap SCF-6C22 (-HS)

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Accessories for Heat-Shrink Canister

Part Number	Description
SCF-KT-6GND	Grounding Kit includes two bond clamps and 6 ga ground straps; fits all SCF sizes
SCF-KT-HSBC	Heat-Shrink, 3-Finger Branch Clamp to add extra cables (10 pack)
SCF-KT-HS1	Heat-Shrink, small round, single port for 4-in and 6-in (4 pack)
SCF-KT-HS2	Heat-Shrink, large round, single port 6-in (1 piece) cables larger than 16 mm
SCF-KT-HS3	6-in Oval Port with branching kit (1 each)
SCF-KT-HS4	Large Round Port Heat-Shrink, ground strap and clamp with central member strain-relief 8-in and 6-in cables larger than 16 mm
SCF-KT-HS5	Small Round Port Heat-Shrink, ground strap and clamp without central member strain-relief, 6-in
SCF-KT-HS7	Medium Round Port Heat-Shrink 8-in and 6-in cables smaller than 16 mm (1 each)
SCF-KT-HS8	8-in Oval Port with branching kit (1 each)
UCN-GND-SC20	Small Grounding Clamps with central member strain-relief (20 pack)
UCN-GND-S20	Small Grounding Clamps for use with large cables (20 pack)
UCN-GNDCBL-20	Ground Straps 6 ga, 8-in length (20 pack)
BKT-SC-C	Aerial Hanging Device for SCF in-line or canister closures
SCF-INST-BKT6	Table Installation Bracket for 6-in SCF QUICK-SEAL™ Mechanical Seal or heat-shrink
SCF-6EC-HS	6-in SCF Heat-Shrink End Cap with two ground feed-throughs
SCF-KT-HS-RETRO-4	One Retro-Fit Heat-Shrink with zipper, 4-in oval or 6-in medium round ports
SCF-KT-HS-RETRO-68	One Retro-Fit Heat-Shrink with zipper, 6-in and 8-in oval ports
SCF-POLE-BKT6	Pole-Mount Bracket for 6-in SCF canister closures
SCF-WALL-BKT6	Wall-Mount Bracket for 6-in SCF canister closures
SCF-KT-6GND	Grounding Kit includes two bond clamps and 6 ga ground straps; fits all SCF sizes
SCF-KT-6SLK	SCF-6 Slack Basket (included in -01 [-F] versions)
SCF-KT-6STKR	SCF-6 0.4-in Tray Stacker (4 shelves)
SCF-ST-SSB-F	6-in Short Stack Basket, two 0.4-in tray stacker shelves and a reduced slack basket

Medium Single-Fiber Splice Closure

SCF-6C22 (-HS)

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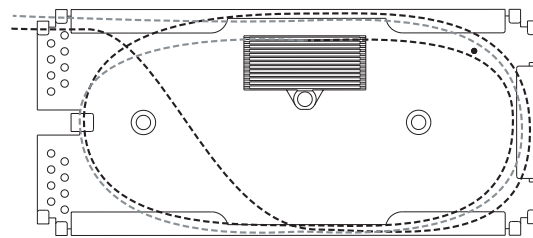
Description

SCF-ST-001

12-position RTV splices, 0.2-in metal tray for single fiber
8.75 x 3.9 x 0.2 in (22.3 x 10 x 0.54 cm)

Splice Protection:

RTV 100155-001 or Crimp and Go® Crimping Device,
FSA-012



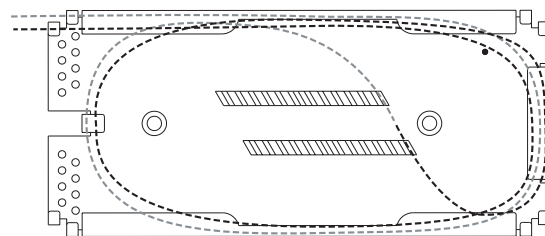
SCF-ST-001 | Drawing ZA-2271

SCF-ST-099

12-position heat-shrink splices, 0.2-in metal tray for single fiber
8.75 x 3.9 x 0.2 in (22.3 x 10 x 0.54 cm)

Splice Protection:

2806031-01 heat-shrink splice protector, single fiber, 60 mm
(pack of 50)



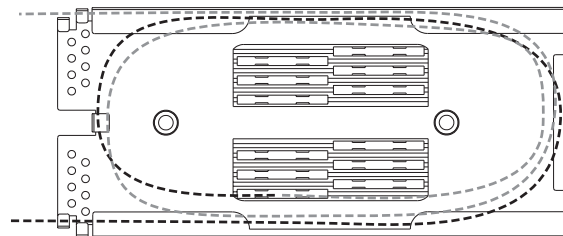
SCF-ST-099 | Drawing ZA-2273

SCF-ST-002

12-position mechanical, 0.4-in metal tray for single fiber
8.75 x 3.9 x 0.4 in (22.3 x 10 x 1 cm)

Mechanical Splice:

CamSplice™ Mechanical Splice, 95-000-04 (pack of 6)



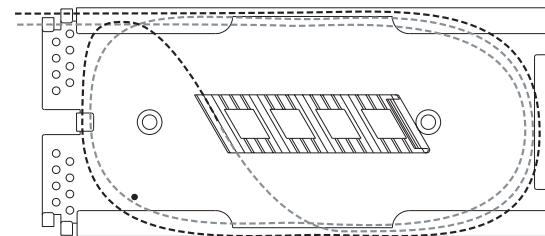
SCF-ST-002 | Drawing ZA-2272

SCF-ST-116

24-position heat-shrink, 0.4-in metal tray for single fiber
8.75 x 3.9 x 0.4 in (22.3 x 10 x 1 cm)

Splice Protection:

2806031-01 heat-shrink splice protector, single fiber, 60 mm
(pack of 50) or 2806031-012 heat-shrink splice protector,
12-fiber ribbon, 40 mm (pack of 25)



SCF-ST-116 | Drawing ZA-2274



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

1-800-743-2675 • FAX: +1-828-901-5973 • International: +1-828-901-5000 • <http://www.corning.com/cablesystems>

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