

# Splice Closure Family (SCF) Gel End Cap

A Corning Cable  
Systems Product

## features and benefits |

<b>Independent ports</b>	Installed cables are not disturbed during re-entry
<b>Snap-in gel inserts</b>	Faster, craft-friendly cable installation
<b>Modular splice tray holder and buffer tube slack basket</b>	Facilitates splicing and buffer tube management
<b>Suitable for aerial, wall, pole and direct-buried applications</b>	Variety of deployment options

Corning Cable Systems SCF closure with gel end cap is a fiber splice closure that has been designed with the installer in mind. Its independent gel port design allows for faster installation than traditional mechanical closures and precludes disturbing already installed/connected cables in the closure. The tray and slack frame separate from the mainframe to make splicing and bare fiber management inside the tray a much easier task because all splicing can be done separately from the closure. The SCF gel end cap closure has a maximum capacity of 144 single-fiber splices and is suitable for aerial, duct or direct buried applications.

For FTTx applications, the ports can be outfitted with inserts that allow for multiple SST flat or round cables in a single port allowing quick and easy drop cable installation.



SCF Closure with Gel End Cap | Photo CRR668



SCF Closure with Gel End Cap | Photo CRR671

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## specifications |

### Shipping Package

SCG-8C18-01

**Dimensions**  
(H x W x D) in (cm) 10 x 10 x 30 (25.4 x 25.4 x 78.4)

**Weight lb (kg)** 16 (7)

**Outside Diameter - D1**  
in (cm) 12 (30.5)

**Outside Diameter - D2**  
in (cm) 10 (25.4)

**Closure Length - L**  
in (cm) 19 (48)

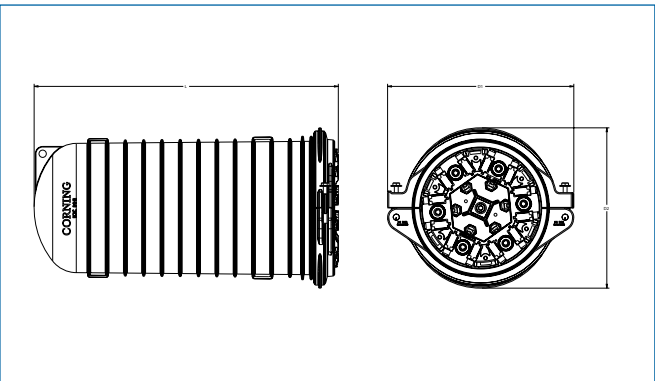
**Maximum Quantity**  
**Cable Ports** 6

**Maximum Cable**  
**OD in (cm)** 1 (2.5)

**Maximum SST Flat**  
**or Round Drop Cables** 4 per port



SCF Gel End Cap | Photo CRR809



SCF Closure with Gel-Sealed End Cap; SCG-8C18-01  
| Drawing ZA-3899

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## ordering information |

Part Number	Description	Standard Kit Content
<b>SCG-8C18-01</b>	6-port Gel End Cap Closure, 8-in diameter x 18-in length	<ul style="list-style-type: none"> <li>• Canister, 18-in length</li> <li>• Gel end cap, six outer gel segments, 8-in diameter</li> <li>• Clamping and sealing rings</li> <li>• Strain-relief hardware for two ports</li> <li>• Four dummy plugs</li> <li>• Fiber management frame</li> </ul> <i>Note: Grounding kit not included</i>
<b>SCG-KT-6GND</b>	Grounding Kit	<ul style="list-style-type: none"> <li>• Two bond clamps</li> <li>• Two ground cables with leads, 8-in length</li> </ul>
<b>SCG-KT-ECR8</b>	Gel End Cap Replacement Kit	<ul style="list-style-type: none"> <li>• Gel end cap, six outer gel segments, 8-in diameter</li> <li>• Four dummy ports</li> <li>• Strain-relief hardware for two ports</li> <li>• Clamping rings</li> </ul>
<b>SCG-KT-DP8</b>	Dummy Plug Replacement Kit	<ul style="list-style-type: none"> <li>• 6 dummy plugs</li> </ul>
<b>SCG-KT-8CBL</b>	Cable Port Replacement Kit	<ul style="list-style-type: none"> <li>• Strain-relief hardware for two ports</li> <li>• Grounding hardware for two ports</li> </ul>
<b>SCG-KT-G84-F</b>	Multicable Entry Kit, SST-Drop Cable, ROC™ Cable, Round (< 10 mm OD)	<ul style="list-style-type: none"> <li>• Multicable gel insert</li> <li>• Strain-relief hardware</li> <li>• Three plugs</li> </ul>
<b>UCN-GND-SC20</b>	Central Member Restraint Bonding Clamp Kit	<ul style="list-style-type: none"> <li>• 20 bond clamps with central member restraint</li> </ul>
<b>UCN-GND-S20</b>	Bonding Clamp (standard) Kit	<ul style="list-style-type: none"> <li>• 20 bond clamps</li> </ul>
<b>UCN-GNDCBL-20</b>	Ground Cable Kit	<ul style="list-style-type: none"> <li>• 20 cables, #6 AWG, with leads, 8-in length</li> </ul>
<b>SCF-POLE-BKT8</b>	Pole/Wall Bracket Kit	<ul style="list-style-type: none"> <li>• One end cap mounting bracket</li> <li>• Two metal bands</li> </ul>
<b>BKT-SC-C</b>	Aerial Strand Hanging Bracket Kit	<ul style="list-style-type: none"> <li>• Hanging brackets and hardware</li> </ul>
<b>SCG-KT-8GS3</b>	Sealing Gel Segments Kit	<ul style="list-style-type: none"> <li>• Three sealing gel segments</li> <li>• Lubricant</li> <li>• Lubricant brush</li> </ul>
<b>SCG-KT-8IG3</b>	Inner Sealing Gel Segments Kit	<ul style="list-style-type: none"> <li>• Three inner sealing gel segments</li> <li>• lubricant</li> <li>• lubricant brush</li> </ul>
<b>SCG-KT-8EC</b>	End Cap Kit	<ul style="list-style-type: none"> <li>• One end cap, valve with interior segment</li> <li>• Two sealing segments (3-pack)</li> <li>• One end cap plate</li> <li>• Four dummy plugs</li> </ul>
<b>SCF-ST-116</b>	Splice Tray (0.4)	<ul style="list-style-type: none"> <li>• 0.4-in metal tray for single fiber</li> <li>• 24-position heat-shrink</li> </ul>
<b>SCF-ST-099</b>	Splice Tray (0.2)	<ul style="list-style-type: none"> <li>• 0.2-in metal tray for single fiber</li> <li>• 12-position heat-shrink</li> </ul>

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notes |

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