Sealing paste – labeled ‘dichtpaste’

Place cables into end cap halves so that fibers lie in the closure to determine actual strip lengths before cutting fibers. Refer to routing illustrations, if necessary. Do not expose the fibers until after the cable has been placed in the terminal-end cap.

1) Sealing ring

2) Fiber splice tray

3) For complete details concerning installation of this product, refer to the Basic Instruction (p/n 003-512).

Carton contents:

- SCF closure containing everything pictured
- Accessory kit (p/n SCF-4C-ADDY)
  - (1) Ventilated grounding screw
  - (1) Solid grounding screw
  - (1) Alcohol cleaning tissue
  - (1) Sealing paste – labeled ‘dichtpaste’
  - (1) Sealing tape
  - (2) 8-inch grounding wires
  - (2) Grounding clamps
  - (1) Brush
  - (2) Express port cable strain-relief kits (p/n SCF-KT-4CBL)
  - (1) Drop bracket
  - (1) 10-32 Philips-head screw
  - (1) 7/16 x 1-inch hose clamp
  - (1) Central member restraint cap
  - (2) #8 washers
  - (2) 8-32 Lock nuts
  - (2) 5-10 mm sealing grommet
  - (2) Inside plastic grommet (lock nut)
  - (1) 7/16 x 1-inch hose clamp
  - (1) 3/8-inch nut driver
  - (3) Flat washers
  - (2) 11/32-inch nut driver
  - (2) 1/2-inch deep socket
  - (1) M6x90 Hex screw
  - (2) M6x40 Hex screws
  - (3) Flat washers
  - (1) 1/2 inch (5 cm)

Tools and equipment required:

- Tape measure
- Scissors
- Side cutters
- Cable or utility knife
- Adjustable wrench
- 11/32-inch nut driver
- 5/8-inch nut driver
- 7/16-inch nut driver
- 1/2-inch deep socket
- 10 mm socket
- Ratchet
- Heat-shrink fusion splice protectors
- Optical Fiber Access Tool (p/n OFF-000)
- Slotted screwdriver
- Phillips-head screwdriver
- Permanent marker
- Paint marker pen
- Vinyl tape
- Hand pump
- Air pressure gauge
- Torque wrench
- Soapy water (to verify leaks)
- Hackawax
- Ideal® coaxial cable stripper (p/n 100107-01)
- Splice trays
- Vented grounding screw
- M6x90 Hex nut
- M6x40 Hex nut
- Flat washers
- Hook-and-loop strap
- M6x90 Hex screw
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Section 1.

1. Prepare Fiber for Splicing

1.1 Install Cable into End Cap

- Step 1: Install the cable into the end cap.
- Step 2: Secure the cable with a hose clamp.
- Step 3: Slide the hose clamp into the end cap.
- Step 4: Tighten the hose clamp.
- Step 5: Repeat the process on the other side of the end cap.

1.2 Splice the Fiber

- Step 1: Remove the splice tray from the end cap.
- Step 2: Clean the fibers according to cable manufacturer's instructions.
- Step 3: Route the fibers into the splice tray.
- Step 4: Insert the spliced fibers into the splice tray.
- Step 5: Secure the splice tray with a hose clamp.
- Step 6: Apply a thin coat of UCN lubricant to the splice tray.
- Step 7: Tighten the hose clamp.

2. Seal the Closure

2.1 Install the Closure

- Step 1: Slide the closure over the end cap.
- Step 2: Apply the closure with a wrench.
- Step 3: Apply the quick-fit connector to the closure.
- Step 4: Secure the closure with a hose clamp.

2.2 Verify the Closure

- Step 1: Pull the cable back into the end cap.
- Step 2: Tighten the hose clamp.
- Step 3: Apply a thin coat of UCN lubricant to the splice tray.
- Step 4: Tighten the hose clamp.

3. Secure the Cable

- Step 1: Insert the cable into the closure.
- Step 2: Secure the cable with a hose clamp.
- Step 3: Apply a thin coat of UCN lubricant to the splice tray.
- Step 4: Tighten the hose clamp.

4. Store the Cable

- Step 1: Store unused cable slack inside the closure.
- Step 2: Bundle the cable together using a hook-and-loop strap.
- Step 3: Store the cable in a dry location.

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**Important:**

- Always use proper tools to tighten the clamp.
- Avoid over-tightening the cable.
- Ensure proper alignment of the cable.
- Use proper lubricant for all connections.

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**Precautions:**

- Always wear safety goggles and gloves when working with cables.
- Avoid sharp edges and corners.
- Use proper equipment for each step.

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**Notes:**

- Refer to the manufacturer's instructions for specific details.
- Use the correct tools for each step.
- Keep the area clean and organized.

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**Revision History:**

- Date: 05/01/2023
- Revision: 1.0
- Author: J.S. Smith
- Changes: Updated cable installation instructions.

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**References:**

- Corning Cable Systems, Inc. Technical Specifications.
- National Electrical Code (NEC).
- International Building Code (IBC).
- Local building and electrical codes.

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**Acknowledgments:**

- Thanks to the team at Corning Cable Systems for their contributions to this document.
- Special thanks to J.S. Smith for drafting this document.