

Fusion Splice Protection



CORNING
Discovering Beyond Imagination

Corning
Cable Systems



Top to bottom: Heat-Shrink, Splice Pak™
and Crimp & Go® Splice Protectors

Description

Corning Cable Systems offers a variety of splice protection choices to meet your needs. All three types of protection pictured here and described below allow individual fiber access in the splice tray. Corning Cable Systems offers heat-shrink protection in both single-fiber and multifiber versions.

Heat-Shrink Splice Protector

Heat-shrinkable splice protection continues to be the most popular method to protect fusion splices. The sleeve securely protects the fusion splice on either 250 μm or 900 μm coated fibers, while offering individual access to each fusion splice. To use, slide the heat-shrink sleeve over the fiber and then

make the splice. Reposition the heat-shrink sleeve directly over the splice and place it in the heat-shrink oven. After the specified heating time (depending on sleeve type), the splice is secure and ready to be transferred to the splice tray. Corning Cable Systems Heat-Shrink Sleeves are compatible with most splice trays offered and are compatible with all Heat-Shrink Ovens offered with Corning Cable Systems Fusion Splicers. Corning Cable Systems offers both single-fiber and multifiber heat-shrink sleeves.

Fusion Splice Protection

Splice Pak™ Splice Protector

The Splice Pak™ Splice Protector is a cost-effective alternative to the Heat-Shrink protective sleeve. It is a plastic “clam-shell” design with an adhesive applied to the inside surface. The Splice Pak Protector requires no power for assembly, thus extending the battery life of the fusion splicer. The Splice Pak protector is offered in three types for different fiber diameter combinations. To use, simply insert the Splice Pak protector into the crimp device, then transfer the completed splice into the device and crimp.

Crimp & Go® Splice Protector

The Crimp & Go® Splice Protector encloses the splice within an aluminum sleeve sealed with an elastic material. Like the Splice Pak Protector, the Crimp & Go Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer. To use, insert the Crimp & Go protector into the crimp device, then transfer the completed splice into the device and crimp.

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Specifications

Heat-Shrink Splice Protector Sleeve

Parameter	Specification
Dimensions (Length)	Single-Fiber Sleeve: 40 or 60 mm lengths Multifiber Sleeve: 40 mm length
Fiber Diameter	250 or 900 μm
Bare Fiber Length	Not more than 40 or 60 mm (based on length of sleeve)
Shrink Temperature	Single-Fiber Sleeve: 120°C Multifiber Sleeve: 140°C
Heating Time	Single-Fiber Sleeve: Approximately 64 seconds Multifiber Sleeve: Approximately 80 seconds

Splice Pak™ Splice Protector

Parameter	Specification
Dimensions (Closed) H x W x L	2.0 mm x 3.2 mm x 35.0 mm
Fiber Diameter	Varies depending on part number: 250 μm - 250 μm 250 μm - 900 μm 900 μm - 900 μm
Bare Fiber Length	Not more than 25 mm
Handling Temperature Range	-5° to +45°C

Crimp & Go® Splice Protector

Parameter	Specification
Dimensions (Closed) H x W x L	1.1 mm x 3.2 mm x 30.0 mm
Fiber Diameter	Not more than 250 μm
Bare Fiber Length	Not more than 25 mm
Handling Temperature Range	-5° to +45°C

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Ordering Information

Part Number	Description
2806031-01	Heat-Shrink Splice Protector, 60 mm package of 50
2806032-01	Heat-Shrink Splice Protector, 40 mm package of 50
2806032-04	Heat-Shrink Splice Protector, 4-fiber ribbon, 40 mm package of 25
2806031-012	Heat-Shrink Splice Protector, 12-fiber ribbon, 40 mm package of 25
FSA-012	Crimp & Go® Splice Protector package of 150
A0276859	Splice Pak™ Splice Protector, yellow, 250 µm - 250 µm
A0295149	Splice Pak Splice Protector, blue, 250 µm - 900 µm
A0295150	Splice Pak Splice Protector, green, 900 µm - 900 µm

Heat-shrink ovens and crimping tools can be ordered separately. Please contact your Corning Cable Systems Customer Service Representative for details.



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
1-800-743-2675 • FAX:828-327-5973 • International: 828-327-5000
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