

# Fusion Splice Protection

A LANscape® Solutions Product

Corning  
Cable Systems

## Description

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

### Heat-Shrink Single- or Multifiber 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 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.

### Splice Pak Single-Fiber 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 Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer. The Splice Pak Splice Protector is offered in three types for different fiber diameters combinations. To use, simply insert the Splice Pak Splice Protector into the crimp device, then transfer the completed splice into the device and crimp.

### Crimp & Go® Single-Fiber Splice Protection Crimping Device

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



Splice Pak® Splice Protector | Photo SEH43

## Specifications

Parameter	Specification
<b>Heat-Shrink Splice Protector Sleeve</b>	
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 30 or 50 mm (based on length of sleeve)
Shrink Temperature	Single-Fiber Sleeve: 120°C Multifiber Sleeve: 140°C
Heating Time	Single-Fiber Sleeve: Approximately 60 seconds Multifiber Sleeve: Approximately 80 seconds
<b>Splice Pak™ Splice Protector</b>	
Dimensions (Closed) H x W x L	2.0 x 3.2 x 35.0 mm
Fiber Diameter	Varies depending on part number: 250/250 µm; 250/900 µm; 900/900 µm
Bare Fiber Length	Not more than 25 mm
Handling Temperature Range	-5° to +45°C
<b>Crimp &amp; Go® Splice Protection Crimping Device</b>	
Dimensions (Closed) H x W x L	1.1 x 3.2 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

## Ordering Information

Part Number	Description
2806031-01	Heat-Shrink Fusion Splice Protector Parts, single-fiber (package of 50; 60 mm long)
2806032-01	Heat-Shrink Fusion Splice Protector Parts, single-fiber (package of 50; 40 mm long)
2806031-04	Heat-Shrink Mass Splice Protector Parts, 2- or 4-fiber ribbon (package of 25; 40 mm long)
2806031-012	Heat-Shrink Mass Splice Protector Parts, 6- or 12-fiber ribbon (package of 25; 40 mm long)
FSA-012	Crimp & Go Splice Protection Crimping Device Parts (150/pack)
A0276859	Splice Pak Splice Protector, yellow, 250/250 µm (25/pack)
A0295149	Splice Pak Splice Protector, blue, 250/900 µm (25/pack)
A0295150	Splice Pak Splice Protector, green, 900/900 µm (25/pack)

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

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