

# FuseLite® Connector, SC, Buffer Tube Fan-Out Single-mode (OS2) APC



CORNING

## Part Number: SOC-SCA-FAN-SM

The FuseLite® Splice-On Connector enables fast, reliable fusion splicing connectivity for local area networks and offers flexibility for repairs and restoration of connectivity.

Available in SC, LC, FC, and ST® Compatible, the FuseLite® Connector provides a reliable connectivity option for applications where fusion splicing may be preferred, such as reflectance-sensitive applications. The FuseLite Connector eliminates the need for splice trays and is compatible with leading fusion splicers in the market.

In applications where fusion splicing is not required, Corning continues to recommend UniCam® High-Performance Connectors, which eliminate the need for capital investments in equipment, or ongoing consumable purchases and installer training. Hand-polished connectors and extremely compact pigtail cassettes for maximum density are also available. Visit [www.corning.com/cablesystems](http://www.corning.com/cablesystems) or contact Corning Customer Care at 1-800-743-2675 for more information.

## Features and Benefits

**Broad operating temperature range (-40°C to +75°C)**

Utility and flexibility

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**Factory-polished end face**  
Consistent optical performance

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**Fusion splice connectivity**  
Ideal for reflectance-sensitive applications

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**Splice protection within connector body**  
No splice trays required

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**Available in ribbon and 3 mm cable options**  
Ideal for cable trunk restoration and repair

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## Specifications

### Design - Connector

Connector Type	SC
Housing Color	Green
Housing Material	Composite
Boot Color	Green
Ferrule Material	Composite

### General Specifications

Fiber Category	Single-mode (OS2)
Product Type	Field-Installable Connectors
Compatibility	SC
Corning Logo	Yes
Keyed (security)	No
Technology	Fuse-On

### Optical Specifications - Connector

Polish	APC
Insertion Loss, Max.	0.3 dB

### Ordering Information

Units per Delivery	1/1
Packaging	Individual Pack

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## Environmental Conditions

Temperature Range, Operation -40 °C - 75 °C (-40 °F - 167 °F)

## Standards

RoHS Free of hazardous substances according to RoHS 2011/65/EU

Approvals and Listings Telcordia GR-326-CORE and GR-1081-CORE compliant



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