

# FuseLite® Connector, SC, 900 µm Tight-Buffered

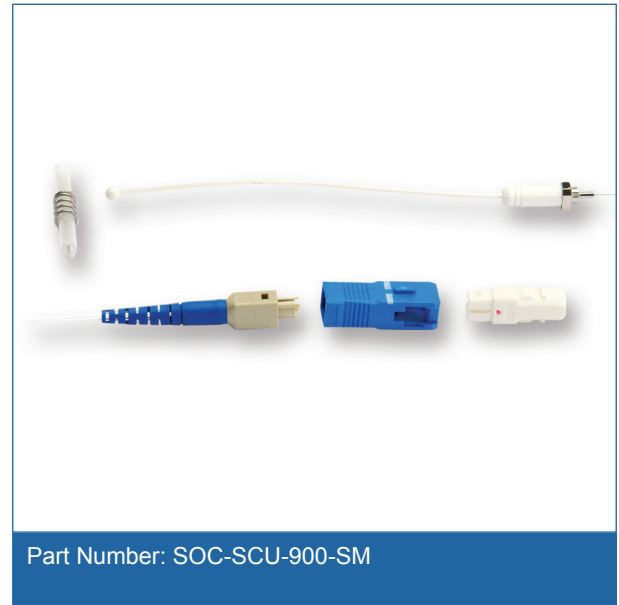
Single-mode (OS2) UPC

CORNING

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.



Part Number: SOC-SCU-900-SM

## Features and Benefits

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

Utility and flexibility

### Factory-polished end face

Consistent optical performance

### Fusion splice connectivity

Ideal for reflectance-sensitive applications

### Splice protection within connector body

No splice trays required

## Standards

### Intermateability

Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC); TIA/EIA 604-2 (ST® Compatible)

### Approvals and Listings

Telcordia GR-326-CORE and GR-1081-CORE Compliant

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## Specifications

### General Specifications

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

### Temperature Range

Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °F to 167 °F exceeding EIA/TIA 568-B.3)
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### Design - Connector

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

### Optical Specifications - Connector

Insertion Loss, Typical	0.15 dB
Insertion Loss, Maximum	0.30 dB
Reflectance	≤ -55 dB
Polish	UPC

### Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Part Number	SOC-SCU-900-SM
Product Description	FuseLite® Connector, SC, 900 µm Tight-Buffered, Single-mode (OS2) UPC
EAN Code	4056418150314

## Shipping Information

Units per Delivery	1/1
Package Contents	



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