

# FuseLite® Connector, LC, 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.



## 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**

### **Approvals and Listings**

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## Specifications

### General Specifications

Product type	Field-Installable Connectors
Technology	Fuse-On
Keyed	No
Corning Logo	Yes
Packaging	Single Pack
Compatibility	LC
Fibre 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	LC
Ferrule Material	Composite
Housing material	Composite
Housing Colour	Blue
Boot colour	Blue

### Optical Specifications - Connector

Insertion loss, typical	0.15 dB
Insertion Loss, Maximum	0.30 dB
Reflectance	≤ -55 dB
Polish	PC

### Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Ordering Information

Part Number	SOC-LCU-900-SM
Product Description	FuseLite® Connector, LC, 900 µm Tight-Buffered, single-mode (OS2) UPC
EAN Code	4056418150475

## Shipping Information

Units Per Delivery	1/1
Package Contents	



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

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