

FuseLite® Connector, LC, 2.0 mm, Jacketed

Single-mode (OS2) UPC



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 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	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC); TIA/EIA 604-2 (ST® Compatible)
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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	LC
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	LC
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-LCU-2MM-SM
Product Description	FuseLite® Connector, LC, 2.0 mm Jacketed, Single-mode (OS2) UPC
EAN Code	4056418150499

Shipping Information

Units per Delivery	1/1
Package Contents	



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