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

Part Number:
SOC-LCA-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 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

Factory-polished end face
Consistent optical performance

Fusion splice connectivity
Ideal for reflectance-sensitive applications

Splice protection within connector body
No splice trays required

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

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Specifications

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

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Telcordia GR-326-CORE and GR-1081-CORE compliant

Environmental Conditions	
Temperature Range, Operation	-40 °C to -40 °C (-40 °F to -40 °F)

Design - Connector	
Connector Type	LC
Housing Color	Green
Boot Color	Green
Ferrule Material	Composite
Pinned	No

Optical Specifications - Connector	
Polish	APC
Insertion Loss, Max.	0.3 dB
Reflectance	< -65 dB

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Optical Specifications - Connector	
Insertion Loss, Typical	0.15 dB

Ordering Information	
Product Number	SOC-LCA-FAN-SM
EAN Code	4056418150512
Packaging	Individual Pack
Units per Delivery	1/1

RoHS COMPLIANT

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