

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

CORNING

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

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

CORNING

Specifications

Design - Connector

Connector Type	LC
Housing Color	Green
Housing Material	Composite
Boot Color	Green
Ferrule Material	Composite
Keyed (security)	No

Environmental Conditions

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

General Specifications

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

Optical Specifications - Connector

Polish	APC
Insertion Loss, Max.	0.3 dB

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

CORNING

Ordering Information

Packaging	Individual Pack
-----------	-----------------

Units per Delivery	1/1
--------------------	-----

Standards

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

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



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2020 Corning Optical Communications. All rights reserved.