

FuseLite® Connector, SC, Buffer Tube Fan-Out



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

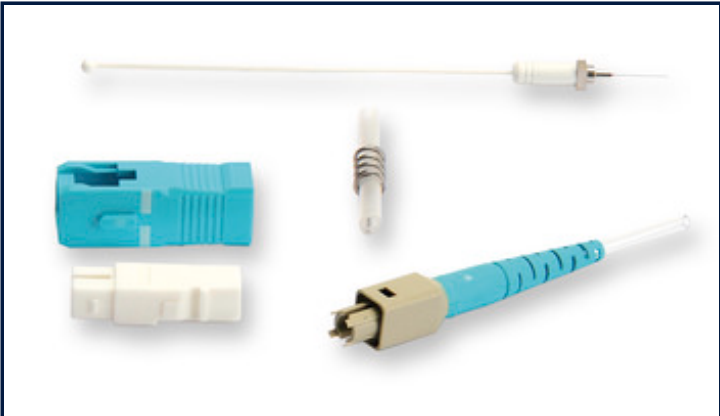
Fusion splice connectivity
Ideal for reflectance-sensitive applications

Splice protection within connector body
No splice trays required

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

Standards

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



General Specifications

Keyed (security)	No
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General Specifications

Product Type Field-Installable Connectors

Technology Fuse-On

Compatibility SC

Design Connector

Part Number	Housing Color	Ferrule Material	Boot Color	Connector Type	Housing Material
SOC-SC-FAN-OM4	Aqua	Composite	Aqua	SC	Composite
SOC-SCU-FAN-SM	Blue	Composite	Blue	SC	Composite
SOC-SCA-FAN-SM	Green	Composite	Green	SC	Composite

Environmental Conditions

Temperature Range, Operation -40 °C to 75 °C exceeding EIA/TIA 568-B.3

Optical Specifications Connector

Part Number	Fiber Category	Polish
SOC-SC-FAN-OM4	50 µm MM (OM2/OM3/OM4)	PC
SOC-SCA-FAN-SM	Single-mode (OS2)	APC
SOC-SCU-FAN-SM	Single-mode (OS2)	UPC

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Ordering Information

Part Number	Product Description	Units Per Delivery
SOC-SC-FAN-OM4	50 µm multimode (OM2/3/4)	1/Pack
SOC-SCA-FAN-SM	Single-mode (OS2) APC	1/Pack
SOC-SCU-FAN-SM	Single-mode (OS2) UPC	1/Pack

Shipping Information

Part Number
SOC-SC-FAN-OM4
SOC-SCA-FAN-SM
SOC-SCU-FAN-SM



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