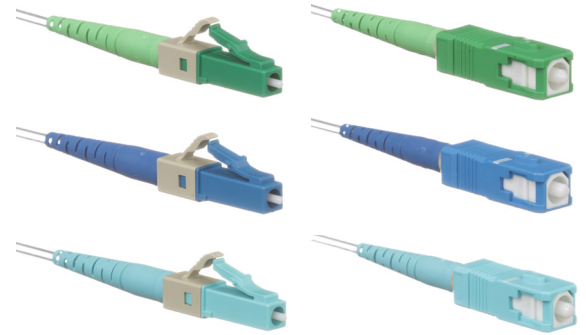


Fusion Splice-On Connectors

Single Fiber Splice-On LC and SC Connectors allow for rapid deployment of high-quality, high-performance fiber links in today’s Enterprise and Data Center installations. Designed for ease of use and speedy termination on industry-leading fusion splice machines, splice-on connectors enable technicians to create custom fiber links with minimal labor and no risk of shortages or excessive cable to be managed.

Fusion Splice-On Connectors allow field termination of LC, LC-APC, SC, and SC-APC connectors on to typical 250um or 900um tight-buffered fiber cable without the need for significant pre-engineering work as is normally required for pre-terminated assemblies. Additionally, fusion splice connectors avoid installation limitations placed on mechanical splice connectors with index-matching gel, which allows a broader range of termination possibilities. These connectors utilize a fusion splice for superior performance on both insertion loss and optical return loss, while also requiring less equipment to manage and protect the splice point. Terminations can be done in under two minutes and are supported with calculated attenuation values at the time of the splice to ensure performance of the link meets project requirements.



Key Features

Benefits

Optimal Design	Similar to the size of pre-terminated assemblies for equivalent application density, while utilizing integral splice management and protection to eliminate the need for additional components typically required when splicing pigtails.
Standards Compliant	Intermateable with any LC, LC-APC, SC, or SC-APC connectors.
Dynamic Application	Eliminates the need for pre-engineering work required for factory terminated assemblies, allowing for more rapid deployment of custom fiber links. Works perfectly for typical moves, adds, and changes in Enterprise and Data Center installations.
Reliable Results	Immediate feedback on splice loss allows for consistent and reliable results for both singlemode and multimode terminations.
Trusted Technology	Designed for use with Sumitomo splice units, an industry leading, tried-and-true technology.

Key Applications

- Office and Enterprise space
- Government facilities
- Campus environments
- Healthcare facilities
- Education buildings

Fusion Splice-On Connectors

Ordering Information

Part Number	Description
FLCS2/9SOCU9BU	Fiber LC-UPC Splice-On Connector for 250/900um Fiber, 9um Singlemode
FLCS2/9SOCA9AG	Fiber LC-APC Splice-On Connector for 250/900um Fiber, 9um Singlemode
FLCS2/9SOCPXAQ	Fiber LC-PC Splice-On Connector for 250/900um Fiber, 50um Multimode
FSCS2/9SOCU9BU	Fiber SC-UPC Splice-On Connector for 250/900um Fiber, 9um Singlemode
FSCS2/9SOCA9AG	Fiber SC-APC Splice-On Connector for 250/900um Fiber, 9um Singlemode
FSCS2/9SOCPXAQ	Fiber SC-PC Splice-On Connector for 250/900um Fiber, 50um Multimode

Product Number Example

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14
EXAMPLE	F	L	C	S	2	/	9	S	O	C	U	9	B	U

1 – Fiber

F = Fiber

2,3 – Connector Type

LC = LC Connector

SC = SC Connector

4 – Cable Type

S = Simplex

5, 6, 7 – Fiber Type

2/9 = 250um or 900um fiber

8, 9, 10 – Part Name

SOC = Splice-On Connector

11 – Ferrule Type

U = UPC

A = APC

P = PC

12 – Connector Variant

9 = 9um Singlemode

X = 50um Multimode

13, 14 – Cable Color

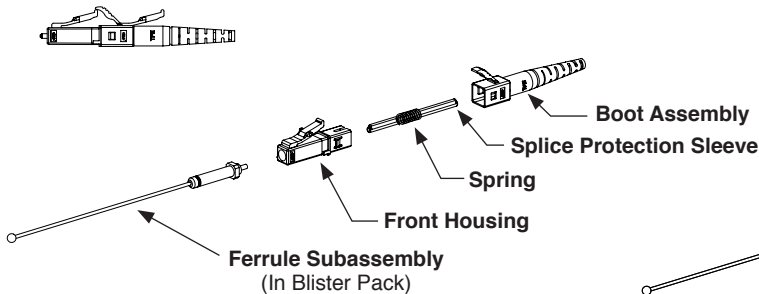
BU = Blue (SM)

AG = Green (SM APC)

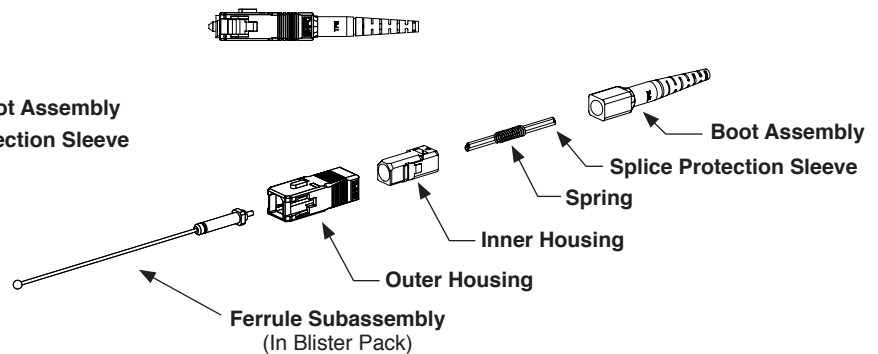
AQ = Aqua

Fusion Splice-On Connectors Detail

Simplex LC Connector



Simplex SC Connector



Dimensions are in inches. [Dimensions in brackets are metric].

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