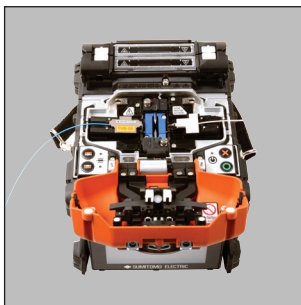
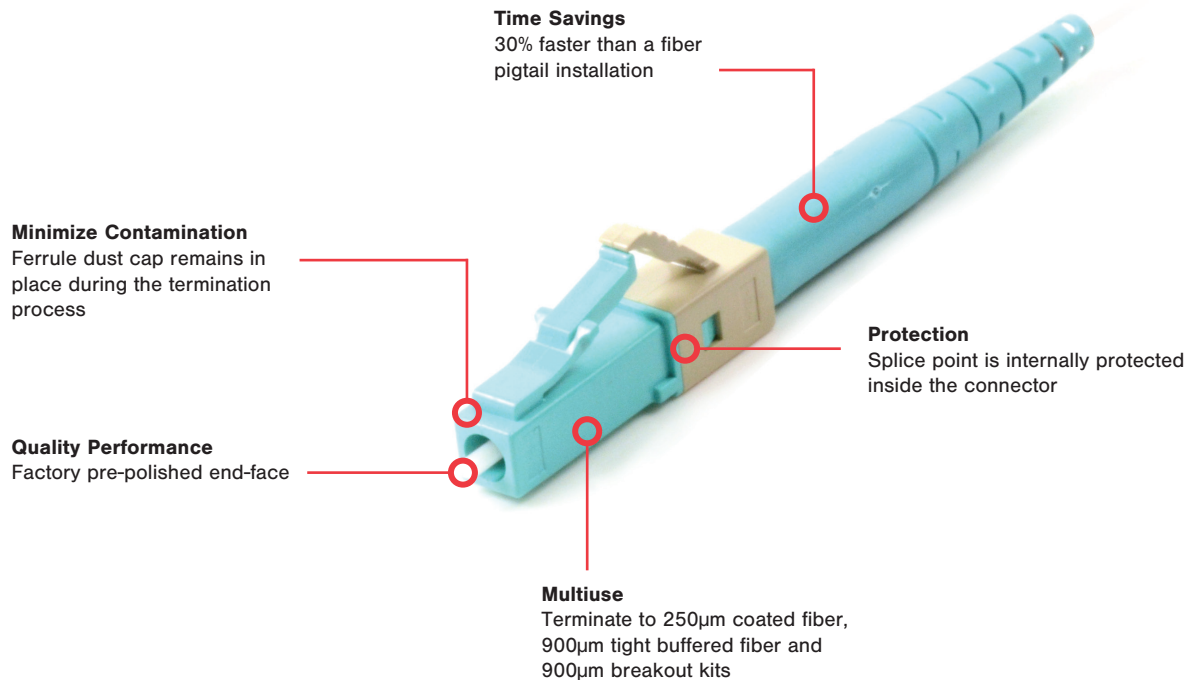
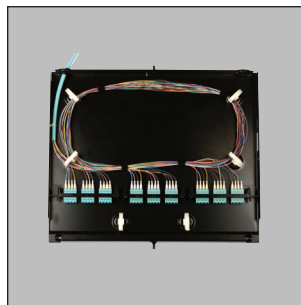


OptiFuse™ Fusion Splice-On Connectors

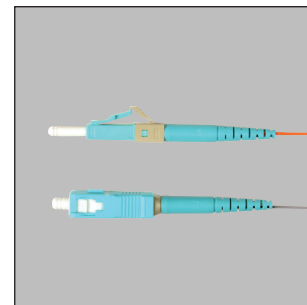
Siemon's OptiFuse pre-polished fusion splice-on connectors provide a quick and reliable field installable solution with superior fusion splice performance to support high-speed fiber optic applications. These versatile connectors are ideal for new fiber link installations, move-add-change (MAC) work and repair/restoration. By integrating the splice point into the connector, OptiFuse eliminates the need for splice trays and chips to accelerate installation time, reduce material requirements, and conserve space within fiber enclosures. Using third-party automated splicer equipment, OptiFuse connectors provide a reliable, high-quality termination with instant splice loss confirmation. Available in both LC and SC configurations in multimode and singlemode, these connectors are part of the Siemon end-to-end XGLO fiber system.



HIGH QUALITY PERFORMANCE
OptiFuse holders are compatible with industry leading third-party fusion splicer equipment



EASE OF INSTALLATION
Reduce cable slack and free up space by eliminating splice trays and chips



SUPERIOR PROTECTION
Splice point is internally protected to ensure high reliability

LC and SC Connectors

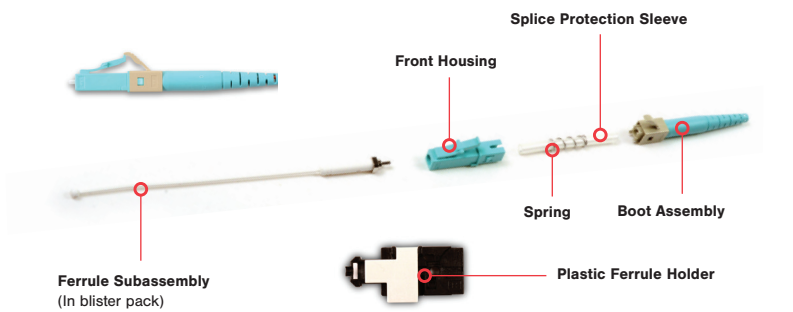
Ordering Information:

LC Multimode

Part #	Description
FC-F-LC5-29AQ	LC simplex connector, aqua body, boot, 50/125µm, multimode (OM3/OM4)

LC Singlemode

Part #	Description
FC-F-LCU-29BL	LC simplex connector (UPC), blue body, boot, singlemode (OS1/OS2)
FC-F-LCA-29GR	LC simplex connector (APC), green body, boot, singlemode (OS1/OS2)



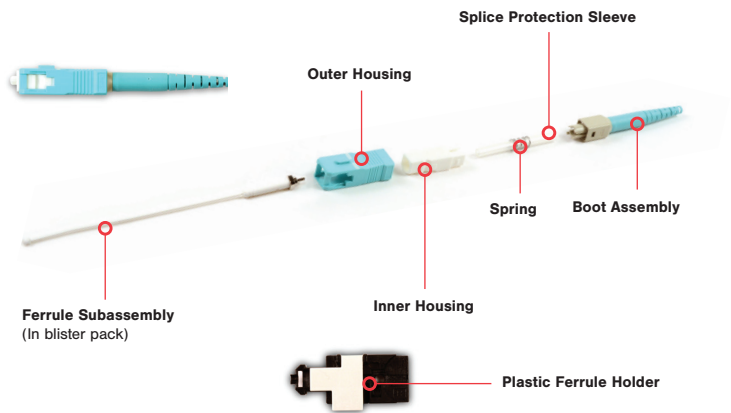
Note: Each box of 20 connectors includes 2 plastic ferrule holders

SC Multimode

Part #	Description
FC-F-SC5-29AQ	SC simplex connector, aqua body, boot, 50/125µm, multimode (OM3/OM4)

SC Singlemode

Part #	Description
FC-F-SCU-29BL	SC simplex connector (UPC), blue body, boot, singlemode (OS1/OS2)
FC-F-SCA-29GR	SC simplex connector (APC), green body, boot, singlemode (OS1/OS2)



Note: Each box of 20 connectors includes 2 plastic ferrule holders

STANDARD COMPLIANCE

- TIA/EIA-568 D.3
- TIA/EIA-604 FOCUS-3 (SC)
- TIA/EIA-604 FOCUS-10 (LC)
- IEC 61754-4 (SC)
- IEC 61754-20 (LC)
- Telcordia GR-326-CORE
- Telcordia GR-1081-CORE

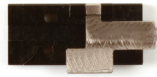
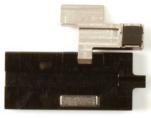
PERFORMANCE

Optical Performance		Singlemode		Multimode
		APC	UPC	PC
Insertion Loss	Typical	0.15dB	0.15dB	0.10dB
	Max.	0.30dB	0.30dB	0.25dB
Return Loss	Typical	-65dB	-55dB	-30dB

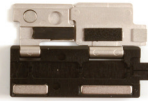
Note: -40°C to +75°C operating temperature

Ordering Information

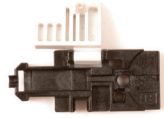
Ferrule and Cable Holders



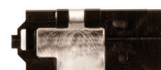
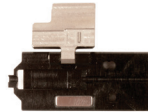
Part #
FT-F-CHLDU-29M Cable holder,
900µm tight buffered, metal



Part #
FT-F-LHLDL-29M Cable holder,
900µm breakout kit,
250µm coated fiber,
metal



Part #
FT-F-FHLDU-LSP Ferrule holder, LC, SC, plastic
(performs 100 splices)



Part #
FT-F-FHLDU-LSM Ferrule holder,
LC, SC, metal



Part #
FT-F-FHLDL-LSM Fitel, ferrule
holder, LC,
SC, metal

Popular Splice Machine Compatibility

Manufacturer Fusion Splicer	Manufacturer Fusion Splicer Model #	Fiber Cable Holder	Siemon Ferrule Holder	Notes
AFL	90S	Splicer manufacturer holder	FT-F-FHLDU-LSP or FT-F-FHLDU-LSM	See 90S manufactures instructions to remove the clamp in order to accept the specified holder.
AFL	70S	Splicer manufacturer holder	FT-F-FHLDU-LSM	
AFL	62C+	Splicer manufacturer holder	FT-F-FHLDU-LSP or FT-F-FHLDU-LSM	
AFL	21S	Splicer manufacturer holder	FT-F-FHLDU-LSP	
Fitel S153	S153	Splicer manufactures holder	FT-F-FHLDL-LSM	
OFS	NJ001 M4	Splicer manufacturer holder	FT-F-FHLDL-LSM	
INNO	View 3	Splicer manufacturer holder	FT-F-FHLDU-LSP	
Fiber Fox	Mini 6S	Splicer manufacturer holder	FT-F-FHLDU-LSP	
Sumitomo	TYPE-Q102-CA+,TYPE-Q102-CA, TYPE-Q101-CA+,TYPE-72C+, TYPE-72C,TYPE-71C+, TYPE-71C,T-57, T-56, Z2C,T-55, Z1C, TYPE-QH201e,TYPE-201e TYPE-Q102-M12, TYPE-Q101-M12,TYPE-72M12, TYPE-71M12,TYPE-82M12 TYPE-81M12 T-400S Lynx Connectorizer	Splicer manufacturer holder or Siemon FT-F-CHLDU-29M, FT-F-LHLDL-29M	FT-F-FHLDU-LSP or FT-F-FHLDU-LSM	

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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