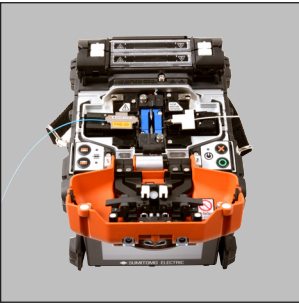
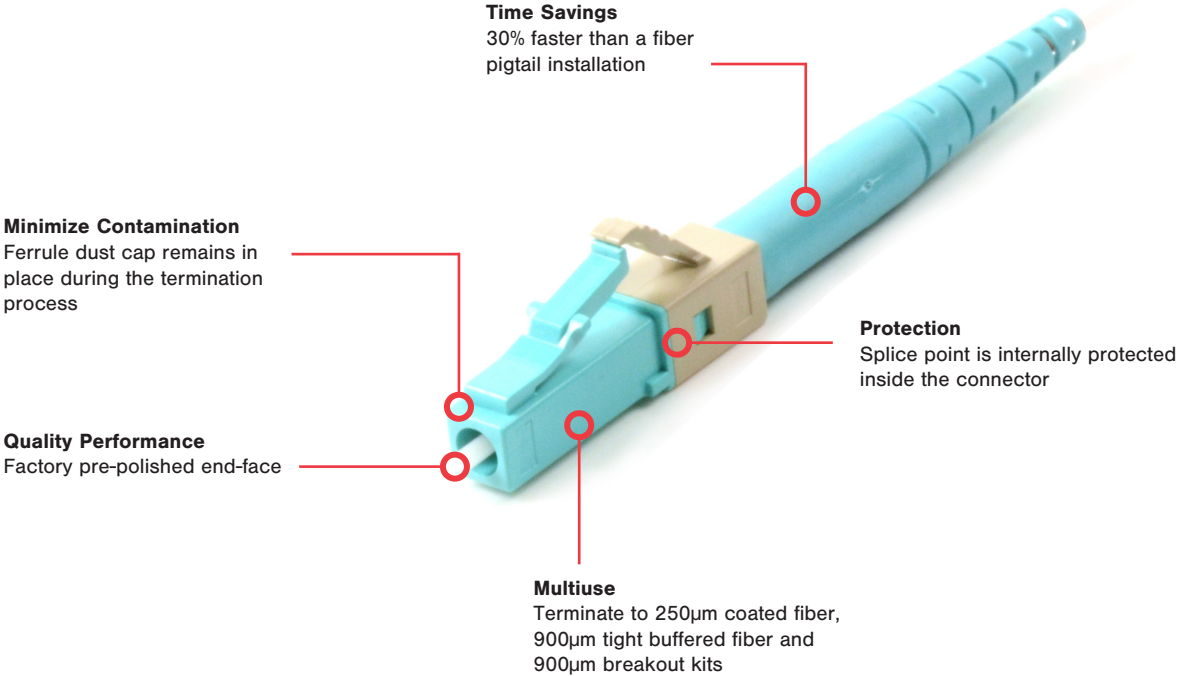
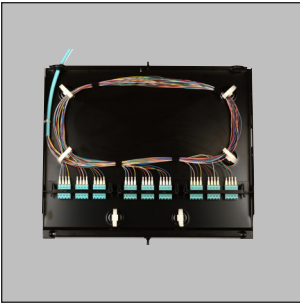


# OptiFuse™ Fusion Splice-On Connectors

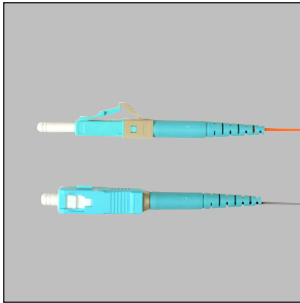
Siemon's OptiFuse pre-polished fusion splice-on connectors provide a quick and reliable field installable solution with superior fusion splice performance to support high-speed fiber optic applications. These versatile connectors are ideal for new fiber link installations, move-add-change (MAC) work 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

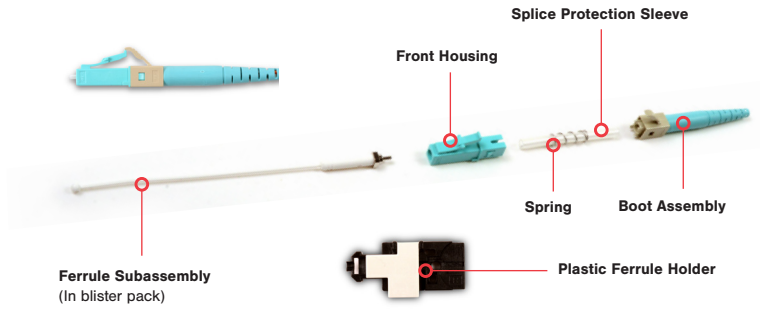
### Ordering Information:

#### LC Multimode

Part #	Description
FC-F-LC5-29AQ . . . . .	LC simplex connector, aqua body, boot, 50/125 $\mu$ m, 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)



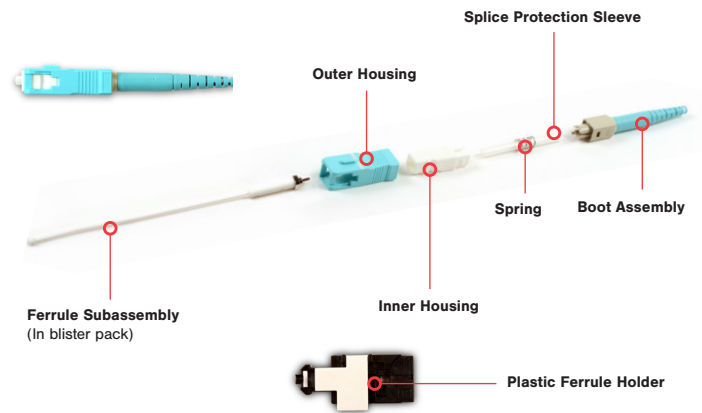
Note: Each box of 20 connectors includes 2 plastic ferrule holders

#### SC Multimode

Part #	Description
FC-F-SC5-29AQ. . . . .	SC simplex connector, aqua body, boot, 50/125 $\mu$ m, 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

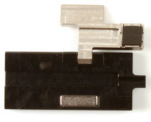
### PERFORMANCE

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

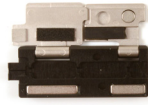
Note: -40°C to +75°C operating temperature

## Ferrule and Cable Holders

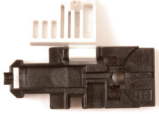
### Ordering Information:



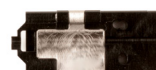
**Part #**  
FT-F-CHLDU-29M . . . . . Cable holder,  
900µm tight buffered, metal



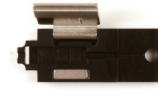
**Part #**  
FT-F-LHLDL-29M . . . . . Cable holder,  
900µm breakout kit,  
250µm coated fiber,  
metal



**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-FHLDU-LSM . . . . . Fitel, ferrule  
holder, LC,  
SC, metal

### POPULAR SPLICE MACHINE COMPATIBILITY

Manufacturer Fusion Splicer	Manufacturer Fusion Splicer Model #	Fiber Cable Holder	Siemon Ferrule 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
OFS	NJ001 M4	Splicer manufacturer holder	FT-F-FHLDU-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 and T56	Splicer manufacturer holder or Siemon FT-F-CHLDU-29M , FT-F-LHLDL-29M	FT-F-FHLDU-LSP or FT-F-FHLDU-LSM
Sumitomo	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
Sumitomo	TYPE-Q102-M12	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.

**North America** P: (1) 860 945 4200    **Asia Pacific** P: (61) 2 8977 7500    **Latin America** P: (571) 657 1950/51/52    **Europe** P: (44) 0 1932 571771    **China** P: (86) 215385 0303    **India Middle East** P: (971) 4 3689743

**Siemon Interconnect Solutions**  
P: (1) 860 945 4213  
www.siemon.com/SIS