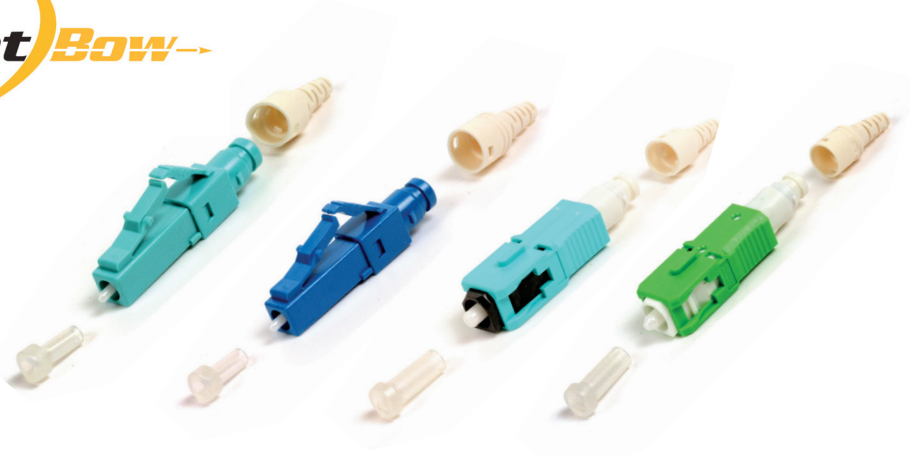
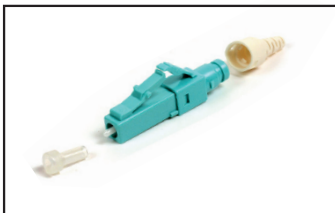


LightBow™ Pre-Polished Connectors

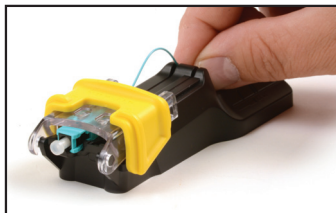
Combined with Siemon's exclusive patent-pending LightBow termination tool, Siemon LightBow pre-polished mechanical splice connectors can be deployed with unsurpassed termination speed and quality via a built-in VFL verification window and the ability to adjust or reterminate. Available in both LC and SC configurations, these connectors support both multimode and singlemode versions of Siemon's XGLO® and LightSystem® solutions.



Optical Performance		Singlemode		Multimode
		APC	UPC	PC
Insertion Loss	Typical	0.30dB	0.20dB	0.20dB
	Max.	0.75 dB	0.50dB	0.30dB
Return Loss	Typical	-60dB (1310nm) -65dB (1550nm)	-55dB	-37dB
	Min.	-50dB	-45dB	-25dB



Factory Assembled – LightBow connectors ship factory-assembled, eliminating time-consuming field assembly of inner and outer connector bodies.



Quality Performance – Termination combines splicing and crimping in a single step, eliminating handling that can impact integrity. Dust cap also stays in place to protect end face polish from contamination.



VFL Verification Window – Built-in window in the connector body is used with the 0.5mW output power, Laser Class 1 VFL to verify a good termination. Connector can be adjusted or reterminated if needed.

Ordering Information:

LC Multimode

Part #	Description
FC1-LB-LC6-9BG	LC simplex connector, beige, 62.5/125µm multimode (OM1), 900µm buffered fiber, white boot
FC1-LB-LC5-9AQ	LC simplex connector, aqua, 50/125µm multimode (OM3/OM4), 900µm buffered fiber, white boot

LC Singlemode

Part #	Description
FC1-LB-LCU-9BL	LC simplex connector (UPC), blue, singlemode (OS1/OS2), 900µm buffered fiber, white boot
FC1-LB-LCA-9GR	LC simplex connector (APC), green, singlemode (OS1/OS2), 900µm buffered fiber, white boot

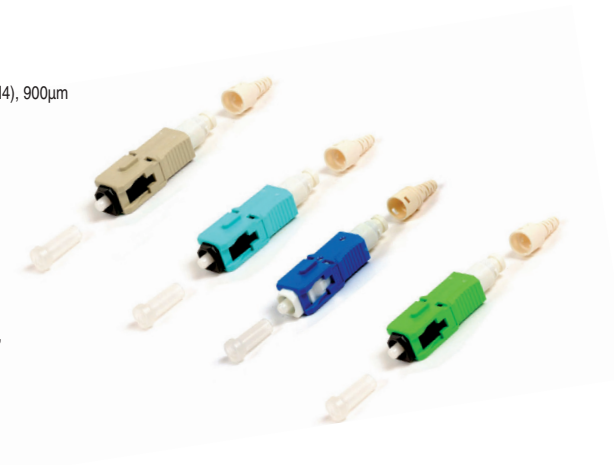


SC Multimode

Part #	Description
FC1-LB-SC6-9BG	SC simplex connector, beige, 62.5/125µm multimode (OM1), 900µm buffered fiber, white boot
FC1-LB-SC5-9AQ	SC simplex connector, aqua, 50/125µm multimode (OM3/OM4), 900µm buffered fiber, white boot

SC Singlemode

Part #	Description
FC1-LB-SCU-9BL	SC simplex connector (UPC), blue, singlemode (OS1/OS2), 900µm buffered fiber, white boot
FC1-LB-SCA-9GR	SC simplex connector (APC), green, singlemode (OS1/OS2), 900µm buffered fiber, white boot



Note: For use with 900µm tight buffer terminations only. Fan-out kits to transition from 250µm to 900µm cannot be used with LightBow connectivity.

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

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