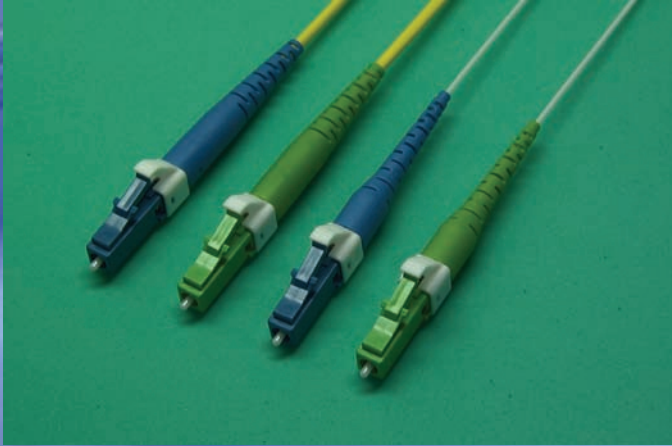




SEIKOH GIKEN



LC Series Splice-On- Connectors

Seikoh Giken's new connector termination system allows for unsurpassed performance and flexibility in the field.

This new "splice-on" connector eliminates the need for field polishing and significantly improves the quality of the termination and installation time required.

Seikoh Giken's factory polished ferrules with pre-cleaved fiber stubs are spliced onto the field fiber utilizing OFS's proprietary ferrule holder and fusion splicer. The connector is easily assembled by using a process that requires minimal skill or training.

***Both singlemode and multimode versions are available.**

■ Features

- OFS fusion splicing technology combined with Seikoh Giken connector design technology achieves reliable, repeatable results
- Offers a compact body designed to fit existing patch panels
- Splice-On-Connector enables field termination of optical patchcords and trunk cables
- Meets all requirements of Telcordia GR-326-CORE Service Life Test

■ Applications

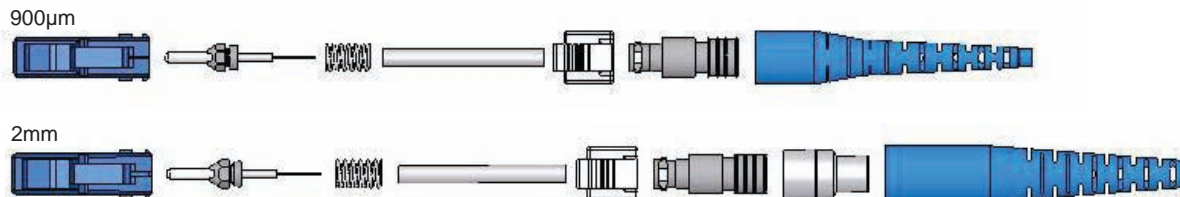
- New Installation of FTTx terminations at pedestal or customer site
- Emergency field restoration of damaged optical connectors
- Easily upgrade older legacy designed connectors like Biconic, D4 ST, FC to low-loss LC connectors

■ Connector Specifications




	LC/UPC	LC/APC
Insertion Loss	0.3dB (Typical)	
Back Reflection	< - 55dB	< - 65dB
Fiber Type	Singlemode Fiber	
Coating/ Jacket Type	900µm, 2mm, 3mm	
Ferrule Type	Zirconia ceramic ferrule with pre-polished fiber stub	



Connector Construction



Splicer Information

	FITEL® Fusion Splicer		
	S122A	S178	S153
Splicing Method	Clad-Alignment	Core-Alignment	Active Clad-Alignment
Insertion Loss	0.05 dB (Typical)	0.02 dB (Typical)	0.04 dB (Typical)
Battery Capacity : Splice Cycle (splice and heat shrink protection)	50 Splice cycles	80 splice cycles (one battery) 200 splice cycles (two batteries)	80 splice cycles (one battery) 200 splice cycles (two batteries)
Splicer body Image			

* All OFS products are sold by OFS Fitel, LLC. and their representative

Connector ordering Information LC SOC

SingleMode LC/UPC SOC

Part Number	Description
SLCS-P1	LC/UPC SOC 900µm
SLCS-P2	LC/UPC SOC 2mm
SLCS-P3	LC/UPC SOC 3mm

Multimode LC/PC SOC (50/125)

Part Number	Description
SLCS-P1M1	LC/PC MM SOC 900µm
SLCS-P2M1	LC/PC MM SOC 2mm
SLCS-P3M1	LC/PC MM SOC 3mm

Multimode LC/PC SOC (OM3)

Part Number	Description
SLCS-P1M3	LC/PC MM SOC 900µm
SLCS-P2M3	LC/PC MM SOC 2mm
SLCS-P3M3	LC/PC MM SOC 3mm

SingleMode LC/APC SOC

Part Number	Description
SLCS-PN1	LC/APC SOC 900µm
SLCS-PN2	LC/APC SOC 2mm
SLCS-PN3	LC/APC SOC 3mm

Multimode LC/PC SOC (62.5/125)

Part Number	Description
SLCS-P1M2	LC/PC MM SOC 900µm
SLCS-P2M2	LC/PC MM SOC 2mm
SLCS-P3M2	LC/PC MM SOC 3mm

* Contact local sales representative for other types or application not listed



Produced by:



A Furukawa Company

WORLDWIDE SUBSIDIARIES AND SALES OFFICES:

North America

SEIKOH GIKEN USA, Inc.
Atlanta, Georgia
Tel: +1-770-279-6602
Fax: +1-770-279-8839
sales@sg-usa.com

Europe

SEIKOH GIKEN Europe GmbH
Frankfurt, Germany
Tel: +49-6102-297-701
Fax: +49-6102-297-750
info@sg-euro.de

Asia

SEIKOH GIKEN Hong Kong Co., Ltd.
Hong Kong, China
Tel: +852-2620-6551
Fax: +852-2620-6525
sales.div@seikoh-giken.co.jp