

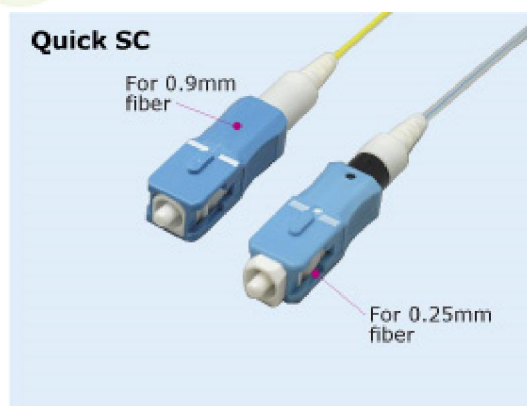
Field Assembly Connector, Fast Connector

Description

The Quick-SC and Quick-LC field assembly connector is designed for simple and fast field termination of single fibers, without polishing or adhesives. The heart of the Quick-SC fast connector is a pre-polished ferrule and a mechanical splice inside the connector body. Assembly of the Quick-SC and Quick-LC connectors requires only normal fiber preparation tools: a [fiber stripping tool](#), wipes and a [fiber cleaver](#). No electrical power supply is needed to assemble the Quick-SC quickly fiber connector.

Quick-SC and Quick-LC assembly fiber optic connector uses Sumitomo's guide rail technology to help position the fibre into the connector, achieving a positive connection in the mechanical splice and low insertion loss termination.

Quick-SC and Quick-LC field assembly connectors are available for single-mode and multi-mode fibres with 250um primary coating or 900um tight buffer secondary coating. The single-mode versions are available with SPC or APC ferrules.



Main Features

- Compatible with conventional SC and LC connector.
- Easy and fast assembly (within 2 minutes) without special tool
- Reliable assembly with Assembly Jig and Fiber Holder appended to connector kit

Specification

Quick SC				
Model	For 0.25mm fiber	Q-SC-SPC-SM-025-F	Q-SC-PC-50-025-F	Q-SC-PC-62.5-025-F
	For 0.9mm fiber [1]	Q-SC-SPC-SM--090-F-T	Q-SC-PC-50-090-F-T	Q-SC-PC-62.5-090-F-T
Applicable fiber [2]		SM	MM (50)	MM (62.5)
Intermateability		SC (IEC61754-4)		
Polishing		SPC	PC	PC
Operating temperature		-40 ~ +75		
Insertion Loss (against master plug)	Typical	0.2dB	Typical	0.1dB
	Max.	0.5dB	Max.	0.3dB
Return Loss (against master plug)	Typical	55 dB	Typical	35 dB
	Min.	40 dB	Min.	22 dB
Qualification		TIA/EIA 568-B.3		

For detailed inquiry please contact our sales team at sales@exfiber.com

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Quick LC				
Model	For 0.9mm fiber [1]	Q-LC-SPC-SM--090-F-T	Q-LC-PC-50-090-F-T	Q-LC-PC-62.5-090-F-T
Applicable fiber [2]		SM	MM (50)	MM (62.5)
Intermateability	LC (IEC61754-20)			
Polishing		SPC	PC	PC
Operating temperature	-40 ~ +75			
Insertion Loss (against master plug)	Typical	0.2dB	Typical	0.1dB
	Max.	0.5dB	Max.	0.3dB
Return Loss (against master plug)	Typical	55 dB	Typical	35 dB
	Min.	40 dB	Min.	22 dB
Qualification	TIA/EIA 568-B.3			

Note 1: Tight buffered 900µm except Nylon coated fiber

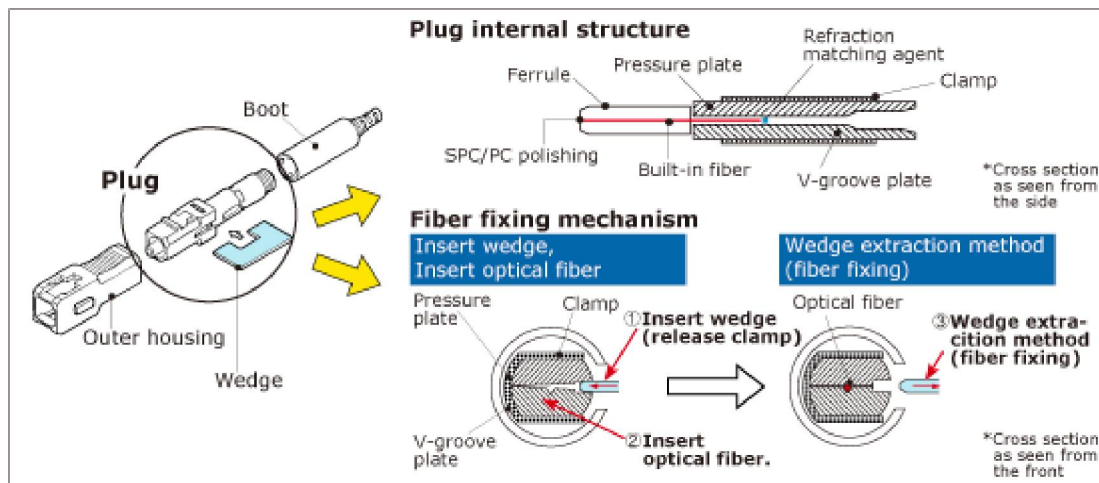
Note 2: SM: ITU-T G652.B, G652.D, G657A

MM(50): ITU-T G651.1, IEC 60793-2-10 A1a.1, IEC 60793-2-10 A1a.2

MM(62.5): IEC 60793-2-10 A1b

Note 3: For Optical Cord application, please contact us

Quick SC™ Structure



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