

Mechanical SC Connectors

MOCSC & MOCSCA



A Furukawa Company

Enables Quick and Easy Field Assembly of the SC Connector

Product Description

OFS offers a mechanical SC connector that provides quick and easy assembly in the field. The Connector is similar to factory installed SC UPC and SC APC connectors. It has the familiar push-pull insertion and release that is known by most craft personnel. Minimum amount of tools required and has an easy to follow installation method.

The offering is for single-mode connectors that can mount on bare fiber, buffered fiber.

Applications:

- CLEC
- LEC
- MSO/Broadband/CATV
- Municipal networks
- Data centers

Features and Benefits:

- Fully compatible with other SC connectors
- Reduces the need for slack storage
- Reduces assembly time
- No polishing or epoxy required
- Easy instructions
- Useful in multiple applications

900 μm SCA Mechanical Connector



Performance Characteristics

Item	Specification
Applicable fiber	Single-Mode fiber (900 μm) for SC APC Single-Mode fiber (900 μm) for SC UPC
Insertion loss	≤ 0.25 dB
Return loss	≥ 60 dB
Durability	< 0.1 dB change, 500 matings
Operation Temperature	-40° F ~ +167° F (-40° C ~ +75° C)
Storage Temperature	-40° F ~ +185° F (-40° C ~ +85° C)
Tensile	TIA/EIA 568-B.3
Intermateability	IEC 61754-4
Assembly time	Typically 2 min

Mechanical SC Connector Ordering Information ^{1, 2, 3}

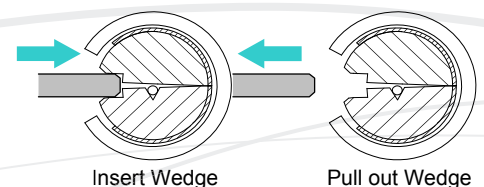
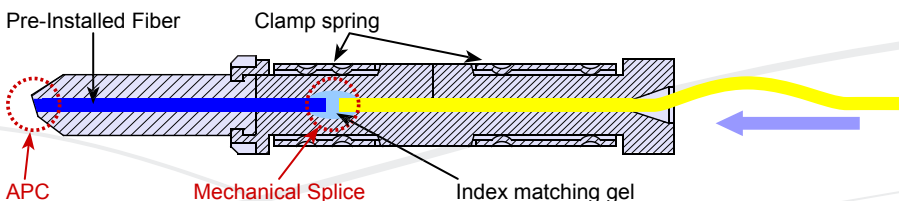
Description	Product Code	Comcode
Mechanical SCA Connector – 250/900 μm fiber	MOCSCA-250um/900um-W/TOOL-50 PACK	301066247
Mechanical LCU Connector – 250/900 μm fiber	MOCLCU-250um/900um-W/TOOL-50 PACK	301066254
Cleaver , Flat Cleave	S325A Cleaver	

¹ Alignment tool ships with the connector. Cleaving tools required.

² SC/APC version of this connector is to be launched soon.

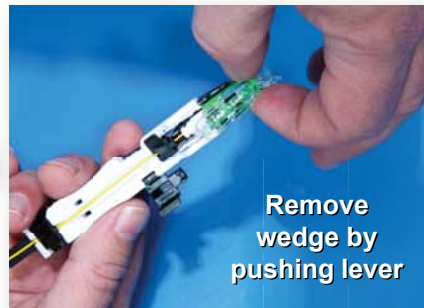
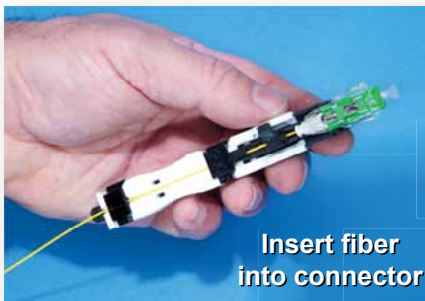
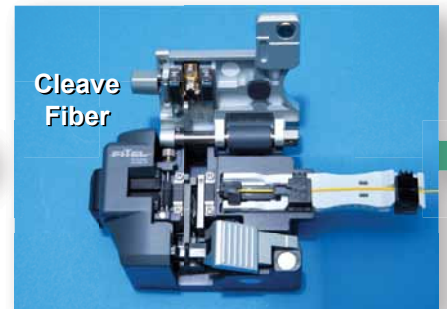
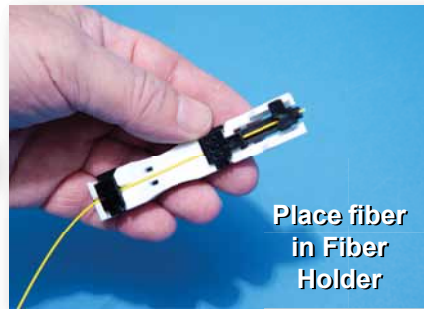
³ Sold in packages of 50.

Mechanical Connector Technology



Pull out Wedge under fiber bending condition to keep adequate connection between two fiber end-faces.

Simple Assembly Required



Use electronic files, available at:
www.ofsoptics.com - Use less paper

For additional information please contact your sales representative. You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) from inside the USA or 1-770-798-5555 from outside the USA.

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