

SC Field Installable Connectors

Description

FibreFab SC field-installable connectors (FIC) are factory terminated and polished to make fibre terminations fast, easy and reliable. These fibre optic connectors offer terminations in less than 2 minutes without any difficulty and require no epoxy, polishing or crimping. The FIC greatly reduces the installation and set up time. It has a window feature to allow testing with a visual fault locator.

Features/Benefits

- ▶ Polished connector incorporating a mechanical splice
- ▶ Available in singlemode and multimode (50/125 and 62.5/125)
- ▶ Durable, reliable and superior optical performance
- ▶ Compatible with standard SC adaptors
- ▶ Termination can be repeated 2-3 times
- ▶ Packaging comes with a cable/buffer stripping template
- ▶ Complies with IEC, EIA/TIA and Telecordia standards
- ▶ Fibre preparation kit available

Applications

- ▶ Rapid repair of optical networks
- ▶ FTTH end user termination
- ▶ Hazardous environment termination where fusion splicing is prohibited

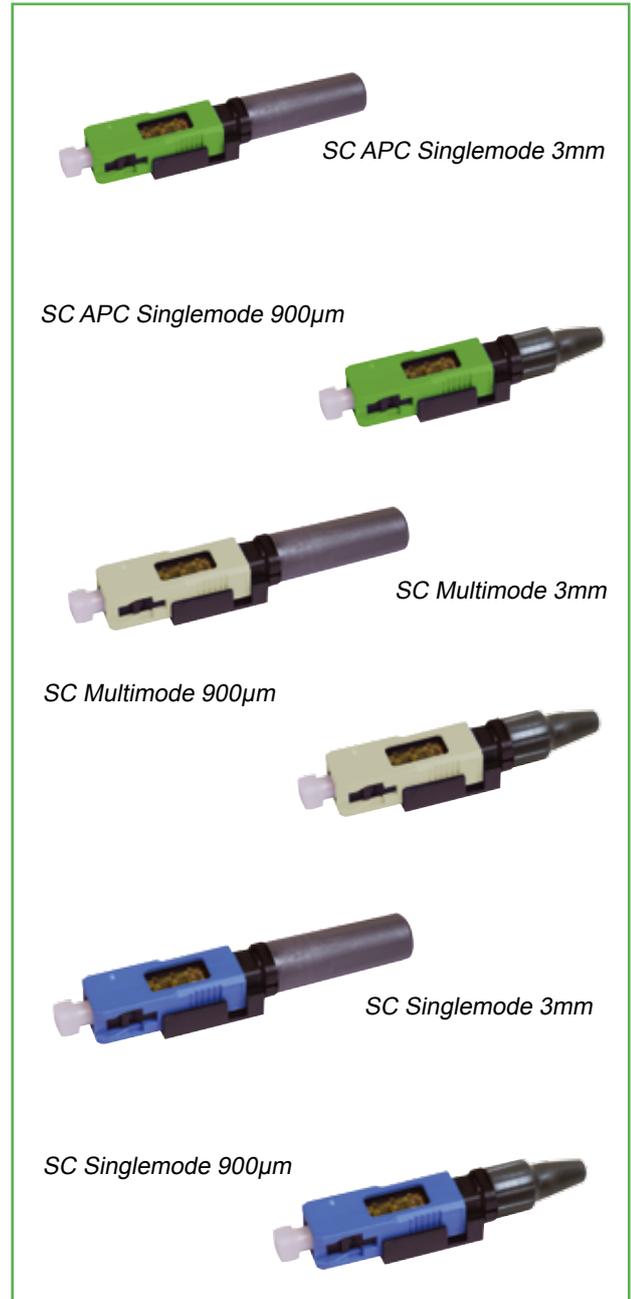
Technical Specification

DESCRIPTION	
Fibre Type	Singlemode and Multimode
Insertion Loss (Max)*	0.5dB
Insertion Loss (Typical)*	0.3dB
Return Loss*	≥ 50dB
Polishing Type	UPC and APC

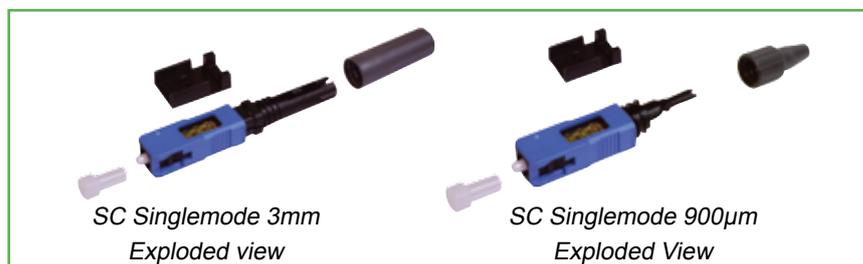
Ordering Information

*Using proper cleave process

DESCRIPTION	PART NO.
Multimode PC 62.5/125 Simplex 900µm	SC62MM9BGFIC
Multimode PC 62.5/125 Simplex 3mm	SC62MM3BGFIC
Multimode PC 50/125 Simplex 900µm	SC50MM9BGFIC
Multimode PC 50/125 Simplex 3mm	SC50MM3BGFIC
Multimode PC 50/125 OM3 Simplex 900µm	SCOM3MM9BGFIC
Multimode PC 50/125 OM3 Simplex 3mm	SCOM3MM3BGFIC
Singlemode PC 9/125 Simplex 900µm	SC09SM9BLFIC
Singlemode PC 9/125 Simplex 3mm	SC09SM3BLFIC
Singlemode APC 9/125 Simplex 900µm	SCA09SM9GNFIC
Singlemode APC 9/125 Simplex 3mm	SCA09SM3GNFIC
Field Installable Connector Preparation Kit	OPT-FIC-PREPKIT
Field Installable Connector Preparation Kit and Inspection Kit	OPT-FIC-PREPKITPLUS



Use with an Optronics Field Installable Preparation and Inspection Kit to make fibre terminations fast, easy and reliable.



SC Field Installable Connectors - Termination Guide

V.3.8

1

Strip fibre

Strip and cleave the fibre according to the template provided.



2

Insert fibre

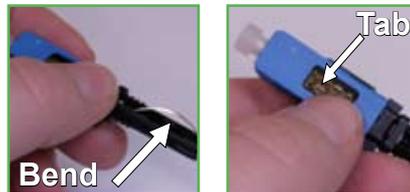
Insert the pre-prepared fibre carefully in to the connector body, gently push the fibre towards the body until it stops.



3

Activate tab

Ensure that the fibre has a bend, then, using your index finger, press the button-like activator tab to commence the splice and crimp. Keeping the tab pressed while slowly releasing the bent fibre.



4

Remove the jig

Remove the plastic jig attached to the underside of the connector.



5

Complete the assembly

Tighten the screw-on boot to the terminated assembly. If there is an aramid strength member, trap it in the screw-thread and trim.

