

SC Field Installable Connectors

Optronics SC field-installable connectors (FIC) are factory terminated and polished to make fibre terminations fast, easy and reliable. These fibre optic connectors allow 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

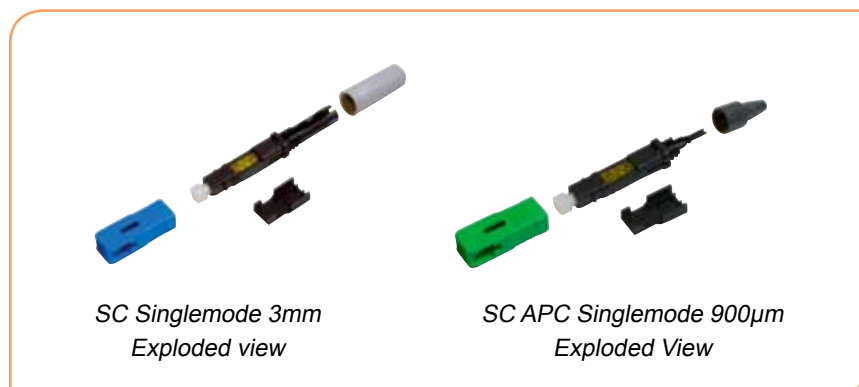
- > Rapid repair of optical networks
- > FTTH end user termination

Technical Specification

DESCRIPTION	
Fibre Type	Singlemode and Multimode
Insertion Loss	≤ 0.4dB (Typical)
Return Loss	≥ 50dB
Polishing Type	UPC and APC

Ordering Information

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

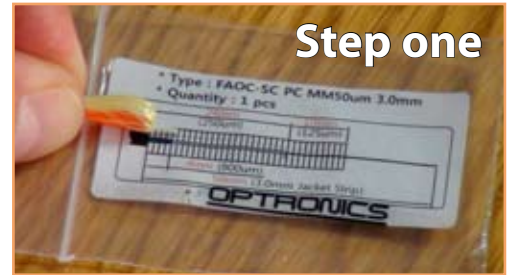


Use with an Optronics Field Installable Preparation and Inspection Kit to make fibre terminations fast, easy and reliable.

1

Strip fibre

Strip and cleave the fibre according to the template provided.



2

Insert fibre

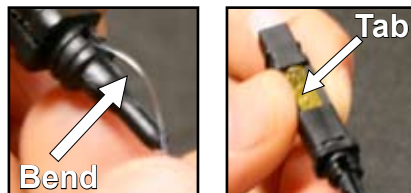
Insert the pre-prepared fibre carefully in to the connector body, gently push the fibre towards the body until it stops.



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 and insert the ferrule sub assembly into the SC housing.

