

SC Field Installable Connectors

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

- 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

Specification

DESCRIPTION

| | |
|---------------------------|--------------------------|
| Fibre Type | Singlemode and Multimode |
| Insertion Loss (Max)* | 0.5dB |
| Insertion Loss (Typical)* | 0.3dB |
| Return Loss (Typical)* | 50db/55dB |
| Polishing Type | UPC and APC |

*Using proper cleave process

Ordering Information

DESCRIPTION

Multimode PC 62.5/125 Simplex 900µm
 Multimode PC 62.5/125 Simplex 3mm
 Multimode PC 50/125 Simplex 900µm
 Multimode PC 50/125 Simplex 3mm
 Multimode PC 50/125 OM3 Simplex 900µm
 Multimode PC 50/125 OM3 Simplex 3mm
 Singlemode PC 9/125 Simplex 900µm
 Singlemode PC 9/125 Simplex 3mm
 Singlemode APC 9/125 Simplex 900µm
 Singlemode APC 9/125 Simplex 3mm
 Field Installable Connector Preparation Kit
 Field Installable Connector Preparation Kit and Inspection Kit

PART NO.

SC62MM9BGFIC
 SC62MM3BGFIC
 SC50MM9BGFIC
 SC50MM3BGFIC
 SCOM3MM9BGFIC
 SCOM3MM3BGFIC
 SC09SM9BLFIC
 SC09SM3BLFIC
 SCA09SM9GNFIC
 SCA09SM3GNFIC
 OPT-FIC-PREPKIT
 OPT-FIC-PREPKITPLUS

Applications

- Rapid repair of optical networks
- FTTH end user termination

User Guide

Step 1 - Strip fibre Strip and cleave the fibre according to the template provided.

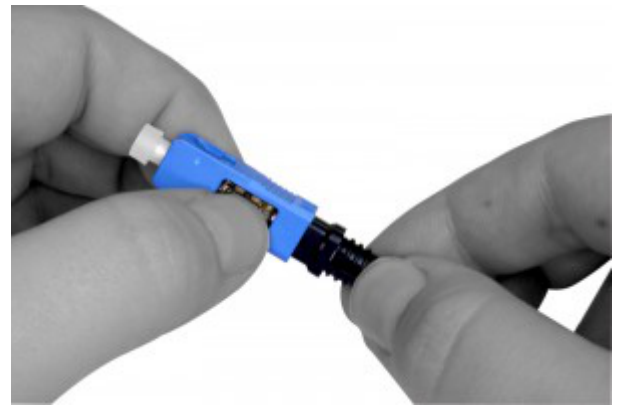
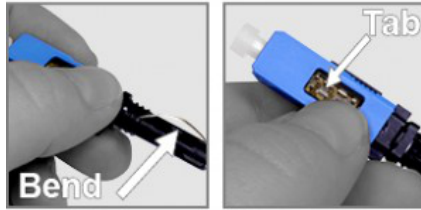


Step 2 - Insert fibre Insert the pre-prepared fibre carefully in to the connector body, gently push the fibre towards the body until it stops.



Step 3 - Activate tab Ensure that the fibre has a bend, then, using your thumb finger, press the button-like activator tab to commence the splice and crimp. Keeping the tab

pressed while slowly releasing the bent fibre.



Step 4 - Remove the jig Remove the plastic jig attached to the underside of the connector.



Step 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.

