

## LC Field Installable Connectors

LC 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 LC 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

### Specification

#### DESCRIPTION

Fibre Type	Singlemode and Multimode
Insertion Loss	≤ 0.4dB (Typical)
Return Loss (Typical)	50db/55dB
Polishing Type	UPC and APC

### Ordering Information

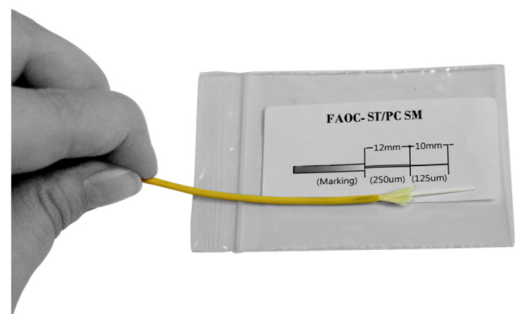
#### DESCRIPTION

Multimode PC 62.5/125 Simplex 900µm	LC62MM9BGFIC
Multimode PC 62.5/125 Simplex 2mm	LC62MM2BGFIC
Multimode PC 50/125 Simplex 900µm	LC50MM9BGFIC
Multimode PC 50/125 Simplex 2mm	LC50MM2BGFIC
Multimode PC OM3 50/125 Simplex 900µm	LCOM3MM9BGFIC
Multimode PC OM3 50/125 Simplex 2mm	LCOM3MM2BGFIC
Singlemode PC 9/125 Simplex 900µm	LC09SM9BLFIC
Singlemode PC 9/125 Simplex 2mm	LC09SM2BLFIC
Singlemode APC 9/125 Simplex 900µm	LCA09SM9GNFIC
Singlemode APC 9/125 Simplex 2mm	LCA09SM2GNFIC
Field Installable Connector Preparation Kit	OPT-FIC-PREPKIT
Field Installable Connector Preparation Kit and Inspection Kit	OPT-FIC-PREPKITPLUS

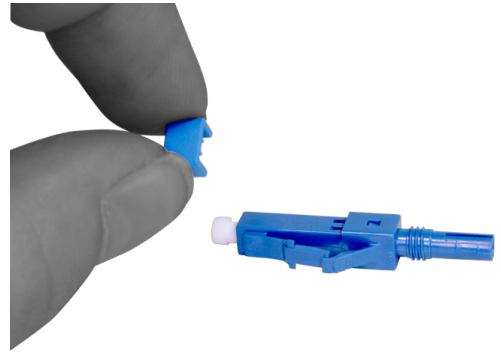
#### PART NO.

### User Guide

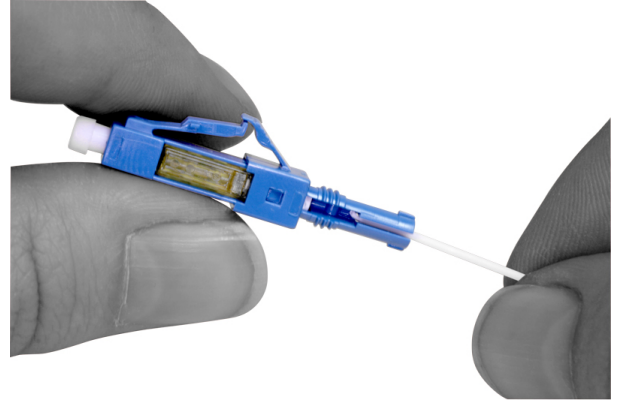
**Step 1 - Strip fibreStrip and cleave the fibre according to the template provided.**



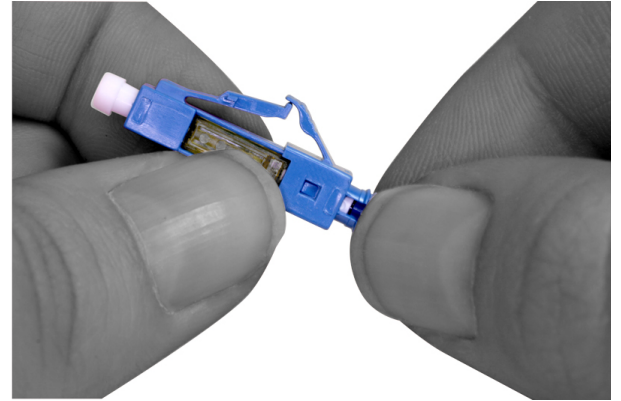
**Step 2 - Remove the jig** Remove the plastic jig attached to the underside of the connector.



**Step 3 - Insert fibre** Insert the pre-prepared fibre carefully in to the connector body, gently push the fibre towards the body until it stops.



**Step 4 - 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 5 - Complete the assembly** Tighten the screw-on boot to the terminated assembly.

