

## LC Field Installable Connectors

### Description

FibreFab 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/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 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
- ▶ Hazardous environment termination where fusion splicing is prohibited

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



# LC Field Installable Connectors - Termination Guide

V3.1

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



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



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



- 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.



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



Watch the Field Installable Connector Video <<Click Here>>



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