

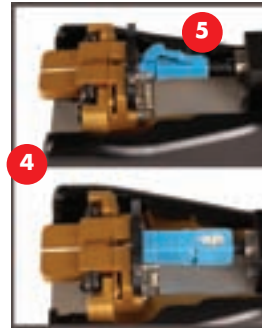


XLR8™



FIBER TERMINATION KIT

Siemon's new XLR8 mechanical splice termination kit incorporates an exclusive dual-process activation tool which dramatically reduces termination time per connector. The tool kit is universal - capable of terminating both SC and LC interfaces.



- 1 Single Step Termination**— XLR8 tool combines both splice activation and mechanical crimp into a single, optimized step
- 2 Robust Process** — Single-step termination eliminates the need to handle the connector between splice and crimp processes, maintaining integrity of the splice
- 3 Flexible Ergonomics** — Tool optimized for use in handheld or table-top orientation
- 4 Reduced Risk of Polish Contamination** — All termination steps completed with connector dust cap in place

- 5 Universal LC/SC Compatibility** — Tool terminates both LC and SC connectors with no time-consuming changeover required
- 6 Fiber Alignment Aid** — Smooth alignment channel simplifies fiber insertion and avoids damage to fiber end face
- 7 Precision Cleaver** — Kit features a user-friendly fiber cleaver designed to provide clean, precise and high performance cleaves on an array of fiber types

ORDERING INFORMATION

Part #	Description
FTERM-XLR8	XLR8 fiber termination kit

Kit Includes:

- Activation tool
- Jacket stripper
- Buffer stripper
- Scissors
- Precision cleaver
- Strip template
- Marker
- Alcohol pads
- Electrical tape
- Convenient carrying case

Replacement Parts

Part #	Description
FTERM-XLR8-A	Fiber activation tool, replacement
FTERM-XLR8-C	Precision fiber cleaver, replacement



Visit www.siemon.com for installation instructions and demonstration



XLR8 FIBER CONNECTORS

Combined with the patent-pending XLR8 activation tool, Siemon's new pre-polished XLR8 mechanical splice connectors can be deployed with unsurpassed termination speed and quality. Available in both LC and SC configurations, these connectors support both the multimode and singlemode versions of Siemon's 10 Gb/s XGLO® and Gigabit-ready LightSystem® solutions.



Optical Performance

Insertion Loss

- SM: 0.20dB Typ
- MM: 0.20dB Typ

Return Loss

- SM: -55dB Typ
- MM: -37dB Typ

Fewer Termination Steps — XLR8 SC connectors ship factory-assembled, eliminating time-consuming field assembly of inner and outer connector bodies

Enhanced Splice Integrity — XLR8 connector termination process combines splicing and crimping in a single step, eliminating connector handling that can impact splice integrity

Robust Polish Protection — Entire connector termination process is completed with dust-cap in place, protecting the critical end face polish from contamination

High Quality Performance — Exceeds TIA standards for optical performance and fiber retention strength

ORDERING INFORMATION

Part #	Description
LC Multimode	
FC1M-LC-5L-B12	LC Simplex connector, 50/125µm laser optimized, 900µm buffered fiber, aqua boot (XGLO)
FC1M-LC-6MM-B80	LC Simplex connector, 62.5/125µm multimode, 900µm buffered fiber, beige boot (LightSystem)
FC1M-LC-5MM-B01	LC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)
LC Singlemode	
FC1M-LC-SM-B06	LC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)
SC Multimode	
FC1M-SC-5L-B12	SC Simplex connector, 50/125µm laser optimized, 900µm buffered fiber, aqua boot (XGLO)
FC1M-SC-6MM-B80	SC Simplex connector, 62.5/125µm multimode, 900µm buffered fiber, beige boot (LightSystem)
FC1M-SC-5MM-B01	SC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)
SC Singlemode	
FC1M-SC-SM-B06	SC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)



* Note: Match fiber type to connector specification.

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