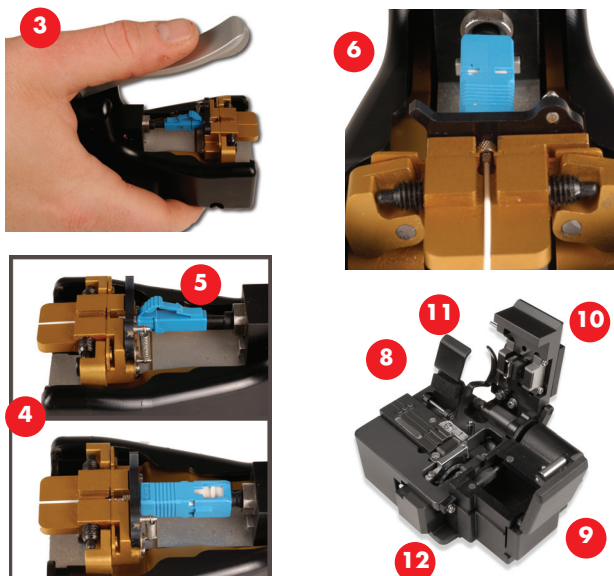# XLR8™

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. This process is intended for use with 900µm tight buffered fiber cables.

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 Validated — XLR8 Tool has been validated for over 250,000 cycles

8 Precision Cleaver — Kit features a user-friendly fiber cleaver designed to provide clean, precise and high performance cleaves on an array of fiber types

9 Safety — Integrated cleaver fiber collection bin eliminates handling of cleaved fiber

10 Simple Cleaver Operation —Single operation cleaving mechanism

11 Oil Dampening System —Oil dampening system allows the blade to cleave at a unifor speed eliminating user variance resulting in a consistent high quality cleave

12 Cleaver Life Span —Increased blade life span resulting in 48,000 cleaves

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
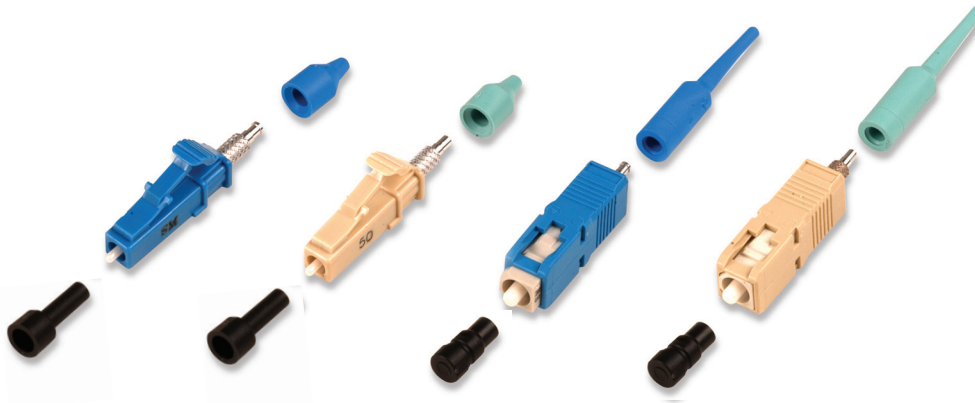- Convenient carrying case

Replacement Parts

Part #	Description
FTERM-XLR8-A	Fiber activation tool, replacement
FTERM-XLR8-C2	Precision fiber cleaver, replacement

Visit www.siemon.com for installation instructions and demonstration

SIEMON™

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-5V-B12	LC Simplex connector, 50/125µm (OM4/OM3) 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)
FC1M-LCA-SM-B07	LC Simplex connector, angled polished singlemode, 900µm buffered fiber*, green boot (XGLO and LightSystem)
SC Multimode	
FC1M-SC-5V-B12	SC Simplex connector, 50/125µm (OM4/OM3) 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)
FC1M-SCA-SM-B07	SC Simplex connector, angled polished singlemode, 900µm buffered fiber*, green boot (XGLO and LightSystem)

! Note:
For use with 900µm tight buffer terminations only - Fan-out kits to transition from 250µm to 900µm can not be used with XLR8 connectivity.

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