



Light Bow™



Fiber Optic Termination System

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Part of Siemon's LightHouse™
Advanced Fiber Cabling
Solutions





Best-In-Class Termination Time and Reliability

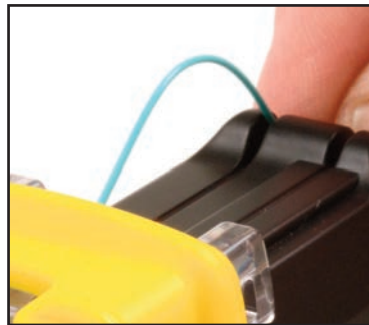
Fast deployment and superior reliability are of the utmost importance in today's fiber networks. While fiber field terminations offer the flexibility to meet a variety of installation scenarios, they need to be quick and easy while ensuring consistently high performance connections.

With its patent-pending termination tool and pre-polished mechanical splice connectors, the LightBow Fiber Optic Termination System significantly reduces termination time, prevents fiber end face contamination and air gaps, and enables easy verification of termination quality.

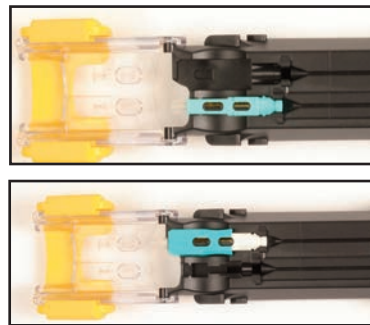


LightBow™ Fiber Termination Tool

With universal LC/SC compatibility, the LightBow tool simplifies fiber insertion and avoids end face damage when terminating LightBow pre-polished mechanical splice connectors



MAXIMUM RELIABILITY
Bow feature maintains proper pressure of fiber ends to eliminate air gaps during termination

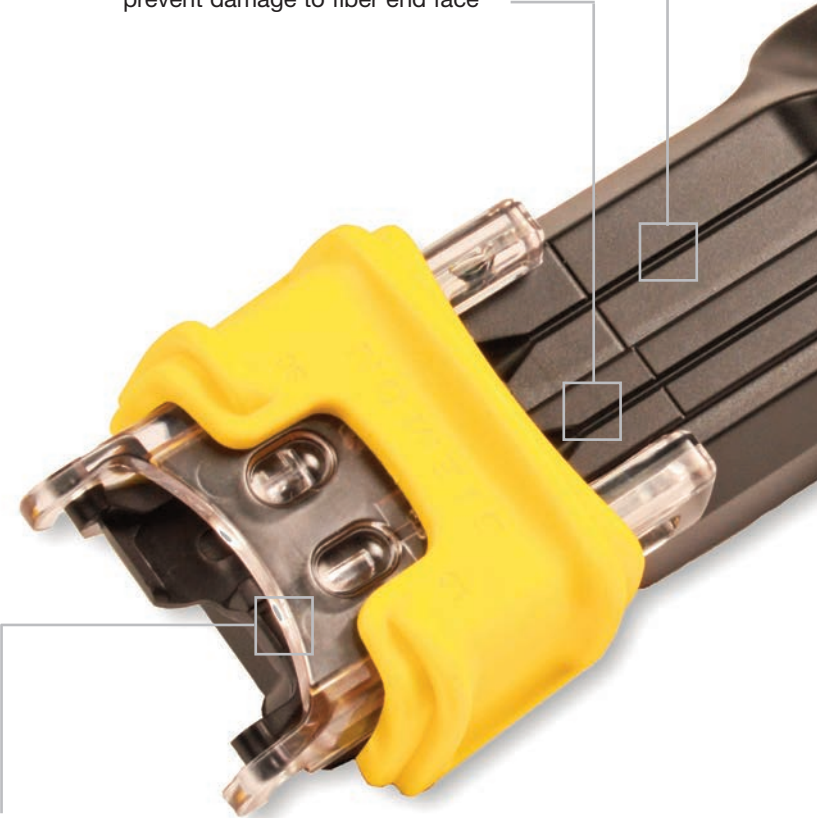


LC Connector

SC Connector

UNIVERSAL LC/SC COMPATIBILITY
Tool terminates both LC and SC connectors with no time-consuming changeover

OPTIMAL ALIGNMENT
LC and SC alignment channels simplify fiber insertion and prevent damage to fiber end face

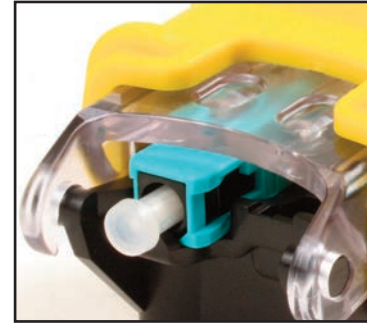


FAST, ROBUST PROCESS
Combines both splice activation and mechanical crimping to significantly reduce termination time



INTEGRATED STRIP TEMPLATE

LC and SC strip template on tool ensures proper strip lengths



REDUCED RISK OF CONTAMINATION

All termination steps completed with dust cap in place

PRECISION CLEAVER

Provides consistent, precise and high quality cleaves

OIL DAMPENING SYSTEM

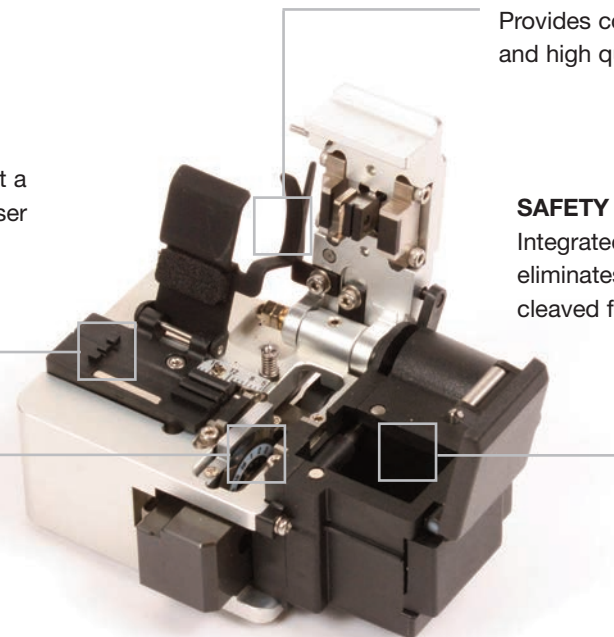
Allows the blade to cleave at a uniform speed eliminating user variance

SAFETY

Integrated collection bin eliminates handling of cleaved fiber

LONG LASTING BLADE

Allows for 48,000 cleaves



ERGONOMIC

Tool can be used in handheld or table-top position with non-slip rubber feet



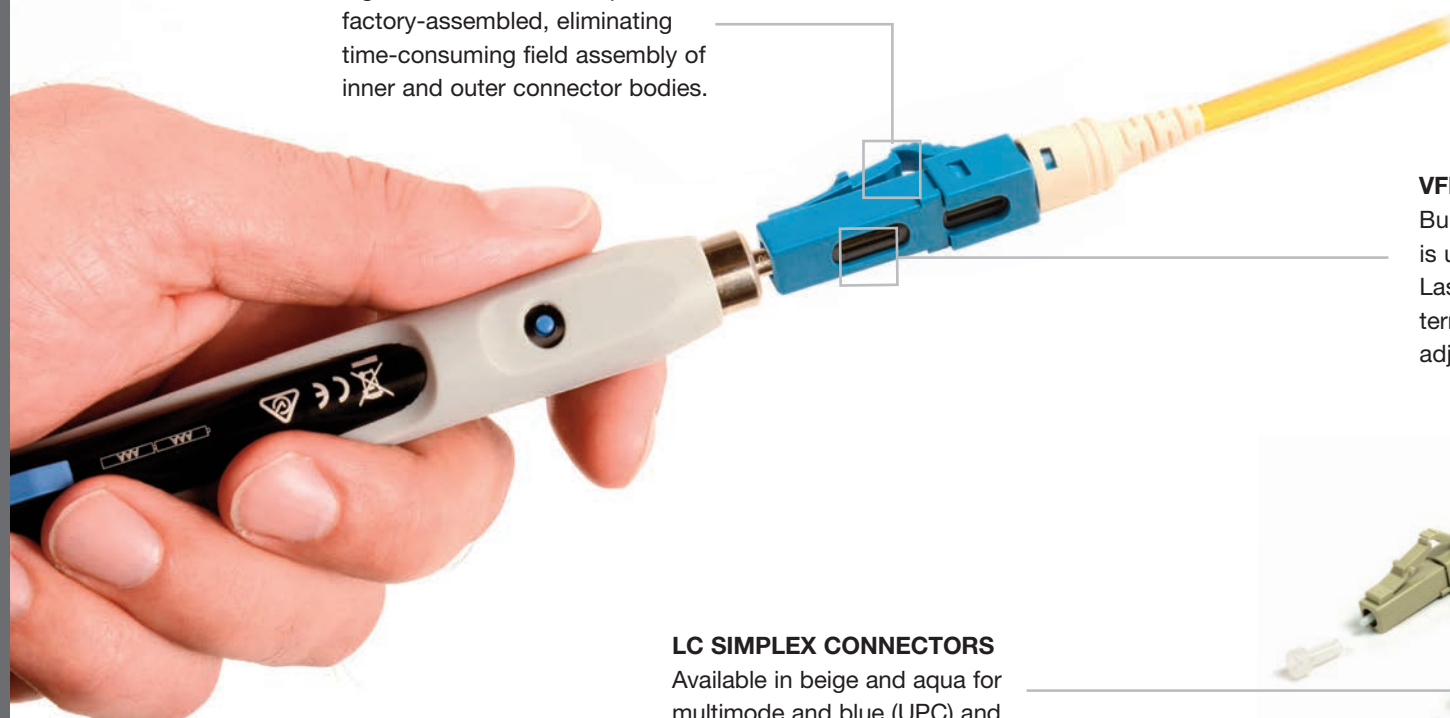
LightBow™ Pre-Polished Connectors

Combined with Siemon's exclusive patent-pending LightBow termination tool, Siemon LightBow pre-polished mechanical splice connectors can be deployed with unsurpassed termination speed and quality via a built-in VFL verification window and the ability to adjust or reterminate.

Available in both LC and SC configurations, these connectors support both multimode and singlemode versions of Siemon's XGLO® and LightSystem® solutions.

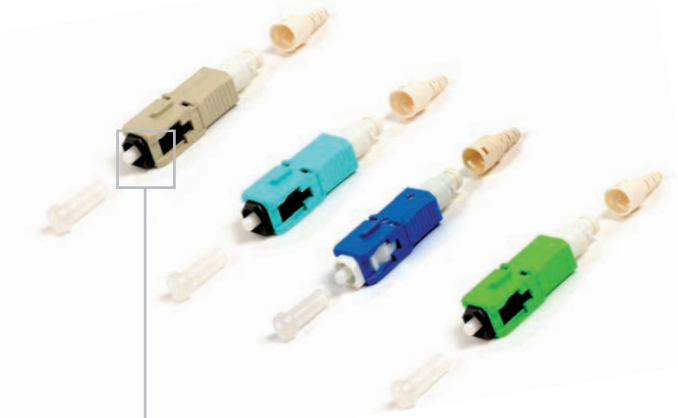
FACTORY ASSEMBLED

LightBow connectors ship factory-assembled, eliminating time-consuming field assembly of inner and outer connector bodies.



SC SIMPLEX CONNECTORS

Available in beige and aqua for multimode and blue (UPC) and green (APC) for singlemode

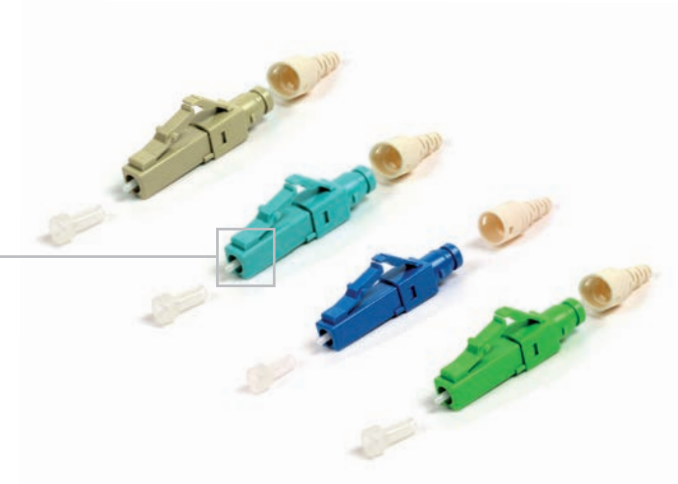


VFL VERIFICATION WINDOW

Built-in window in the connector body is used with the 0.5mW output power, Laser Class 1 VFL to verify a good termination. Connector can be adjusted or reterminated if needed.

LC SIMPLEX CONNECTORS

Available in beige and aqua for multimode and blue (UPC) and green (APC) for singlemode

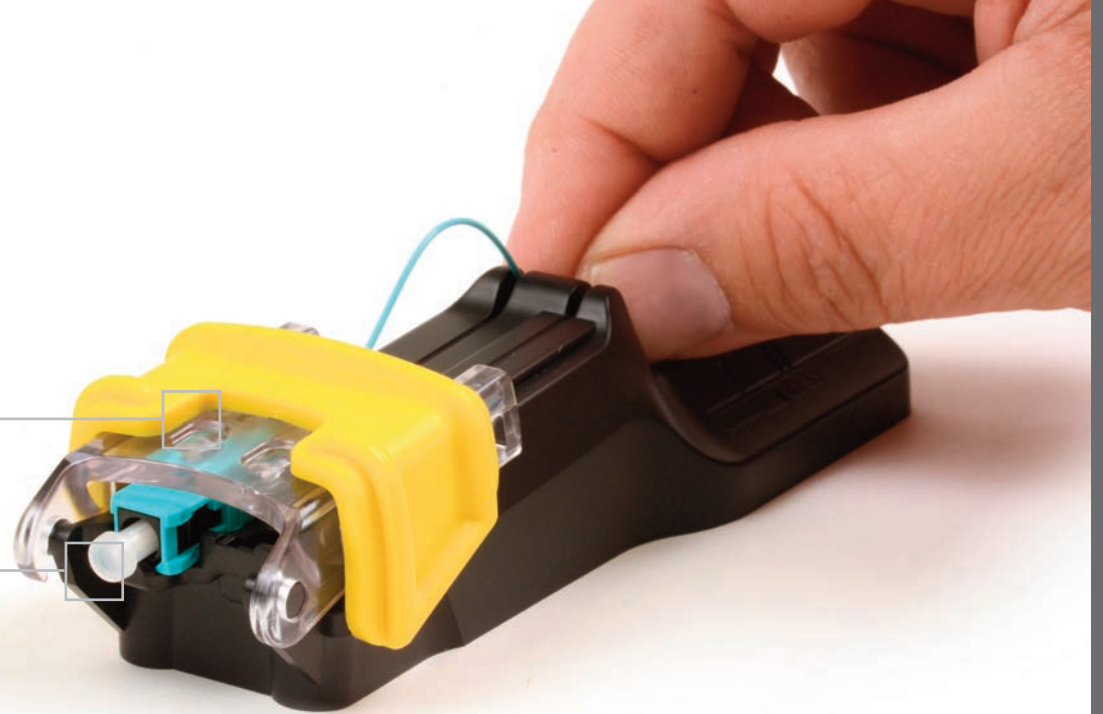


QUALITY PERFORMANCE

Termination combines splicing and crimping in a single step, eliminating handling that can impact integrity.

PROTECTION

Dust cap also stays in place to protect end face polish from contamination.



LightBow™ Fiber Termination Kit

Siemon's LightBow mechanical splice termination kit includes the patent-pending, easy-to-use termination tool, as well as all the implements and consumables required for termination – all in a convenient carrying case.

- Patent-pending termination tool
- Precision cleaver
- VFL and VFL 1.25mm adapter
- Strippers, scissors and tweezers
- Strip template and marker
- Alcohol and electrical tape



Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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