LIGHTSPEED® FIBER TERMINATION KIT

ENHANCED

Achieve faster fiber terminations and higher performance with Siemon's *LightSpeed* Termination Kit. The Siemon fiber termination kit contains all the tools required for termination of singlemode or multimode ST or SC connectors — packaged in a rugged canvas carrying case. Use the optional LC Upgrade Kit for LC connector terminations. All consumables are available in a separate consumables kit. Some select tools and other termination products supplied with the kit can be ordered separately.

The consumables kit includes Siemon's *LightSpeed* adhesive system, which features a 30-second cure time. The adhesive is tinted green to provide an easy visual indication during the termination process and has an extended 1-year shelf life.

The case is constructed using a durable, black canvas material and designed with interior padded pouches and exterior velcro™-flap pockets providing security plus easy access to all items
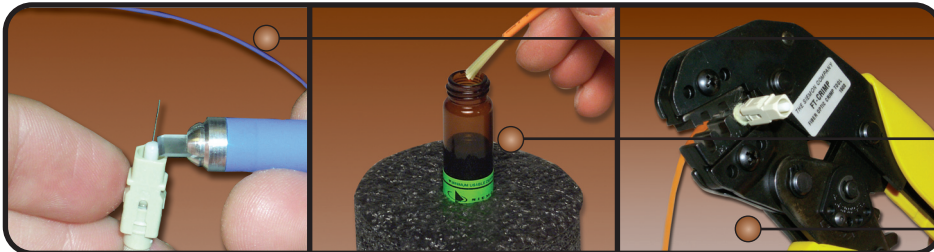
A universal polishing puck is used for both ST and SC connectors

All tools, consumables and accessories are of the highest quality for durability and ease of use, for example:
• Miller buffer stripper
• Scissors are designed to cut kevlar with ease
• Alcohol dispenser is a resealable pump-type

A universal jack stripper is used for stripping simplex fiber cable with a cable diameter range of .75mm to 4.0mm

A large, non-slip visible surface work mat is included. The mat is constructed of a soft black material and is ideal for making fiber terminations

New cleave tool features a double-sided sapphire blade to provide twice the usable life

The primer is supplied in a conveniently sized 2 dram bottle. It needs no drying time after fiber is dipped and the non-solvent base will not evaporate readily

Ergonomic crimp tool with 3-position crimp die (included) for performing jacketed style termination with ST, SC, and LC type connectors

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PRODUCT INFORMATION

400X Magnification Microscope (P/N: FT-MS400)

Siemon's cost effective 400X magnification microscope has co-axial illumination providing the best illumination at higher magnifications. By illuminating the fiber straight through the optical system it is used primarily for detecting light scratches near the core and in the cladding.

High quality 400X power microscope with universal head for SC/ST and head for LC included.

LightSpeed® Fiber Consumables Kit (P/N: FT-CKIT-L2)

Siemon's *LightSpeed* fiber terminations consumables kit features a premium abrasive film to polish ceramic ferrules and glass at the same level at a consistent rate. The films have been qualified to assure exceptional insertion and return loss results when used in accordance with our instructions.

The LightSpeed consumables kit includes alcohol wipes, dry lint free wipes, required polishing films, primer bottle, syringe tips and a syringe loaded with adhesive. All consumable items are also available separately

Syringe tip needles now include caps for convenient storage

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PRODUCT INFORMATION

LC Upgrade Kit (P/N: FTERM-LC)
Siemon's LC fiber upgrade kit features an improved torch and durable LC polishing puck.

Durable LC polishing puck

The black micro-torch (used for the shrink tube sleeves on jacketed style terminations) features a safety locking trigger to prevent accidental ignition

Termination Performance Information

	Multimode		Singlemode	
Interface	LC	SC/ST	LC	SC/ST
Typical Insertion Loss (dB)	.12	.10	.20	.20
Typical Return Loss (dB)	30	30	55	55
Termination Time*	~2 min.	~2 min.	~2.5 min.	~2.5 min.

* Does not include cable prep (e.g. cutting jacket, stripping buffer, cutting kevlar). Termination times may vary dependent on individual installers level of experience. Terminations were performed using simplex connectors onto 900µm fiber.

ORDERING INFORMATION

LightSpeed® Fiber Termination Kit:

FTERM-L2........................Fiber termination kit for ST/SC multimode and singlemode connectors. Includes carrying case and all tools required for jacketed and buffered style terminations. Does not include any items found in the consumables kit

Individual components may be ordered separately as replacements. Part numbers are listed as follow:

Replacement Tools for Fiber Termination Kit:

FT-MS400 ....400X power microscope
FT-SCRIBE ....Double bladed fiber cleaver
CI-SCISSORS ....Electrician scissors
FT-CRIMP ....Crimp tool w/3-position die for ST/SC/LC
FT-PAD ....152.4mm (6 in.) x 152.4mm (6 in.) polishing pad
FT-PUCK..........................SC/ST compatible polishing puck
FT-TMPL ....Template for SC/ST and LC connectors
FT-JSTRP........................Jacket stripper
FT-BSTRP ....Buffer stripper

LightSpeed Fiber Consumables Kit:

FT-CKIT-L2 ....Consumables kit for use with fiber termination kit (FTERM-L2). Includes enough consumables to perform a minimum of 200 multimode or singlemode terminations

Individual components may be ordered separately as replacements. Part numbers are listed as follow:

FT-PRBOT-L* ....Primer bottle (3.5mL)
FT-ADH-L* ....Adhesive Syringe (5cc)
FT-ALPAD ....Alcohol pads
FT-WIPES ....Dry lint-free wipes
FT-SYRMTIP ....Syringe tip needles w/covers
FT-PF12...........................12µm air polish film, gray
FT-PF3.............................3µm polish film, pink
FT-PF1.............................1µm polish film, purple
FT-FF ....Finishing film, white
FT-PF6**..........................6µm recovery film, bronze

*This product contains material with a time and temperature sensitive shelf life. Store between 40 - 100 degrees F (4.4 - 38.5°C) and verify expiration date marked on product before use.

**This recovery film is optional and not included with the consumables kit.

LC Upgrade Kit:

FTERM-LC ....LC fiber termination upgrade kit (used in conjunction with FTERM-L2)

Individual components in the LC upgrade kit may be ordered separately as replacements. Part numbers are listed as follows:

FT-TORCH ....Micro-torch for jacketed LC terminations
FT-LCPUCK......................LC polishing puck

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

LightSpeed® is a trademark of The Siemon Company

For related product information request Spec Sheet(s):
ST/SC Fiber Connectors (PROD-SS-SFC)
LC Connector Products (PROD-SS-LCC)
LightSpeed Fiber Jumper & Pigtails (PROD-SS-FJ1)
Fiber Outlet Box (PROD-SS-FOB)
Rack Mount Interconnect Center (RIC3) (PROD-SS-RIC)
SWIC2 Wall Mount Interconnect Center (PROD-SS-WI2)

SS-FTK Rev. I 8/12

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