

ST and SC Connectors

Siemon ST and SC multimode connectors are designed for use with a variety of termination methods...epoxy, anaerobic adhesive, and Siemon's exclusive *LightSpeed*® adhesive system. *LightSpeed* is faster, user-friendly, more secure, and more resistant to environmental extremes than the commonly used anaerobic adhesives. Siemon's *LightSpeed* adhesive system features a 30-second cure time.

The precision zirconia ceramic ferrules utilized in ST and SC multimode connectors enable a typical insertion loss performance of 0.10 dB and 30 dB typical return loss, using a manual polishing method. Singlemode connectors typically achieve 0.20 dB insertion loss and 55 dB return loss using a simple manual polishing method.

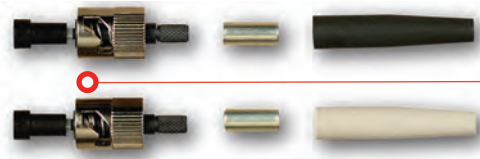
The following features are applicable to both ST and SC fiber connectors:

- Connectors utilize a precision zirconia ceramic ferrule
- Jacketed fiber version is available with color coded boots to facilitate fiber identification when terminated to duplex patchcords — beige or black for multimode and white or blue for singlemode
- Typical multimode Insertion Loss = 0.10 dB
Return Loss = 30 dB using manual polishing
- UL 94V-0 compliant

All connectors utilize precision zirconia ceramic ferrules and include protective dust caps



ST Connector for Buffered Fiber



ST Connector for Jacketed Fiber

ST coupling nut is metallic to assure optimum durability and engagement. Ramps are radial to facilitate mating/de-mating



SC Duplex Connector for Buffered Fiber

SC duplex configuration features a duplexing clip, which allows each connector to be removed individually. The duplexing clip also speeds troubleshooting — an individual connector can be removed and re-terminated without disturbing the adjacent connector



SC Duplex Connector for Jacketed Fiber

Strain and bend relief boots provide improved plug-to-cable retention and maximum performance by preventing fiber deformation caused by mechanical strain



SC Simplex Connector for Jacketed and Buffered Fiber

SC outer housing and connector body are color-coded in accordance with ANSI/TIA/EIA-568-B.3 and ISO/IEC 11801:2002

Ordering Information

SC Duplex Connectors:

SC connectors have a duplexing clip, which allows each connector to be removed individually. In the event fiber polarity is reversed during termination, there's no need to discard the connector. Simply remove connectors from the clip and switch to correct the mistake, saving valuable installation time and money. The duplexing clip also speeds troubleshooting. In the event there's a fault with a single connection, an individual connector can be removed from the clip and re-terminated without disturbing the adjacent connector.

Multimode

- FC2-SC-MM-JDuplex, jacketed fiber, one black boot and one beige boot
- FC2-SC-MM-B80Duplex, buffered fiber, two beige boots

Singlemode

- FC2-SC-SM-J06Duplex, jacketed fiber, blue boot
- FC2-SC-SM-J02Duplex, jacketed fiber, white boot
- FC2-SC-SM-B06Duplex, buffered fiber, blue boot
- FC2-SC-SM-B02Duplex, buffered fiber, white boot

ⓑ Add "-B" to the end of part number for bulk pack for multimode and singlemode connectors (50/box)

SC Simplex Connectors:

SC simplex connectors employ an outer housing that is color-coded in accordance with TIA/EIA-568-B.3 and ISO/IEC 11801: Edition 2000 requirements (beige for multimode and blue for singlemode).

Multimode

- FC1-SC-MM-J80Simplex, jacketed fiber, beige boot
- FC1-SC-MM-J01Simplex, jacketed fiber, black boot
- FC1-SC-MM-B80Simplex, buffered fiber, beige boot

Singlemode

- FC1-SC-SM-J06Simplex, jacketed fiber, blue boot
- FC1-SC-SM-J02Simplex, jacketed fiber, white boot
- FC1-SC-SM-B06Simplex, buffered fiber, blue boot
- FC1-SC-SM-B02Simplex, buffered fiber, white boot

ⓑ Add "-B" to the end of part number for bulk pack for multimode and single-mode connectors (100/box)

ST Connectors:

The ST connector employs a rugged metal bayonet coupling ring with radial ramps which facilitate engagement to the suds of the mating adapter. Two ST connectors are available for jacketed fiber, one with a beige boot and one with a black boot. The two colors enable easy identification of the fibers when terminating individual connectors to form a duplex jumper.

Multimode

- FC1-SA-MM-J80Jacketed fiber, beige boot
- FC1-SA-MM-J01Jacketed fiber, black boot
- FC1-SA-MM-B80Buffered fiber, beige boot

Singlemode

- FC1-SA-SM-J06Jacketed fiber, blue boot
- FC1-SA-SM-J02Jacketed fiber, white boot
- FC1-SA-SM-B06Buffered fiber, blue boot
- FC1-SA-SM-B02Buffered fiber, white boot

ⓑ Add "-B" to the end of part number for bulk pack for multimode and singlemode connectors (100/box)

Fiber Termination Kit:

FTERM-L2
LightSpeed[®] Fiber Termination Kit for ST and SC singlemode and multimode connectors. Includes carrying case and all the tools required for jacketed and buffered style terminations*.



Fiber Termination Consumables Kit:

FT-CKIT-L2Consumables Kit for FTERM-L2**
 **This product contains material with a time and temperature sensitive shelf life. Store between 40-100° F (4.4-38.5° C).
 *All consumables including primer, adhesive, wipes, alcohol pads and polishing films are contained in the consumables kit and must be ordered separately. Contents of the FTERM Termination Kit are also available individually. Contact our Customer Service Department for more information

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

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