

ST AND SC CONNECTORS

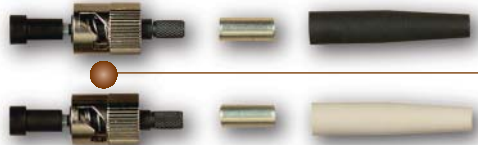
Siemon ST and SC multimode connectors are designed for use with a variety of termination methods...epoxy, anaerobic adhesive, and Siemon's exclusive **LightSpeed®** adhesive system. **LightSpeed** is faster, user-friendly, more secure, and more resistant to environmental extremes than the commonly used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

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



ST Connector for Buffered Fibre



ST Connector for Jacketed Fibre



SC Duplex Connector for Buffered Fibre



SC Duplex Connector for Jacketed Fibre



SC Simplex Connector for Jacketed and Buffered Fibre

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

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

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

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

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

- Connectors utilize a precision zirconia ceramic ferrule
- Jacketed fibre version is available with colour coded boots to facilitate fibre 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

ORDERING INFORMATION

SC Duplex Connectors:

SC connectors have a duplexing clip, which allows each connector to be removed individually. In the event fibre 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-J.....Duplex, jacketed fibre, one black boot and one beige boot
- FC2-SC-MM-B80Duplex, buffered fibre, two beige boots
- FC2-SC-MMDuplex, jacketed/buffered fibres, one black and one beige jacketed boot; two beige buffered boots

SC Simplex Connectors:

SC simplex connectors employ an outer housing that is colour-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-J80.....Simplex, jacketed fibre, beige boot
- FC1-SC-MM-J01Simplex, jacketed fibre, black boot
- FC1-SC-MM-B80Simplex, buffered fibre, beige boot
- FC1-SC-MM-01Simplex, jacketed/buffered fibre, one black jacketed boot and one beige buffered boot
- FC1-SC-MM-80Simplex, jacketed/buffered fibre, one beige jacketed boot and one beige buffered boot

Singlemode

- FC2-SC-SM-J(XX).....Duplex, jacketed fibre
 - FC2-SC-SM-B(XX)Duplex, buffered fibre
- Use (XX) to specify boot colour: 02 = white, 06 = blue
 ⓘ Add "-B" to the end of part number for bulk pack for multimode and singlemode connectors (50/box)

Singlemode

- FC1-SC-SM-J(XX).....Simplex, jacketed fibre
 - FC1-SC-SM-B(XX)Simplex, buffered fibre
 - FC1-SC-SM-(XX)Simplex, jacketed/buffered fibre, one jacketed boot, one buffered boot
- Use (XX) to specify boot colour: 02 = white, 06 = blue
 ⓘ Add "-B" to the end of part number for bulk pack for multimode and singlemode 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 fibre, one with a beige boot and one with a black boot. The two colours enable easy identification of the fibres when terminating individual connectors to form a duplex jumper.

Multimode

- FC1-SA-MM-J80.....Jacketed fibre, beige boot
- FC1-SA-MM-J01Jacketed fibre, black boot
- FC1-SA-MM-B80Buffered fibre, beige boot
- FC1-SA-MM-01Jacketed/Buffered fibre, black jacketed boot and beige buffered boot
- FC1-SA-MM-80Jacketed/Buffered fibre, beige jacketed boot and beige buffered boot

Singlemode

- FC1-SA-SM-J(XX).....Jacketed fibre
 - FC1-SA-SM-B(XX)Buffered fibre
 - FC1-SA-SM-(XX)Jacketed/Buffered fibre,
- Use (XX) to specify boot colour: 02 = white, 06 = blue
 ⓘ Add "-B" to the end of part number for bulk pack for multimode and singlemode connectors (100/box)

Fibre Termination Kit:

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



*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

Fibre Termination Consumables Kit:

FT-CKIT-L2Consumables Kit for FTERM-L2**
 **This product contains material with a time and temperature sensitive shelf life. Store between 4.4 - 38.5° C.

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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- For related product information request Spec Sheet(s):
- LightSpeed® Fibre Termination Kit (PROD-SS-FTK)
 - Rack Mount Interconnect Center (PROD-SS-RIC)
 - FCP3 Fibre Connect Panel (PROD-SS-FC3)
 - SWIC3 Wall-Mount Interconnect Center (PROD-SS-WI3)
 - Fibre Outlet Box (PROD-SS-FOB)
 - LightSystem® Jumpers & Pigtails (PROD-SS-FJ1)
 - XGLO™ Jumpers & Pigtails (PROD-SS-LOF)

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