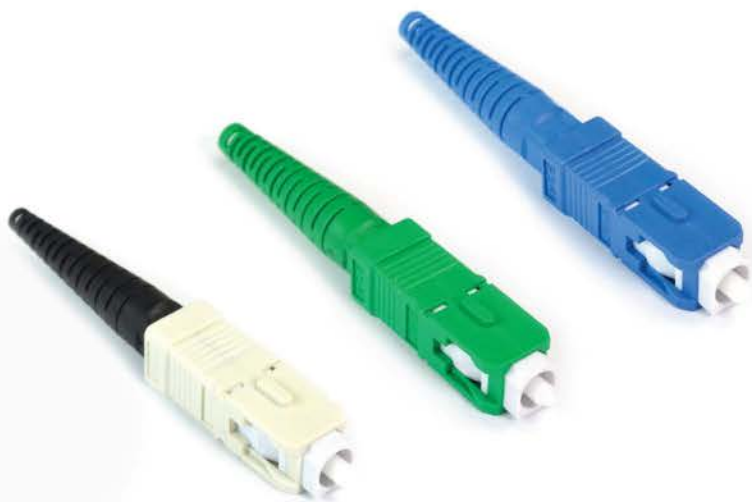




SC CONNECTORS



SC CONNECTORS

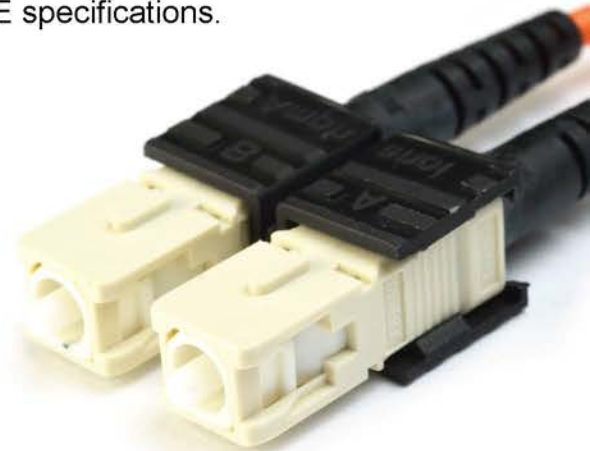


Amphenol's premier high-performance fiber optic 954 Series SC connector utilizes a push/pull retention feature enabling easy insertion and removal, making it ideally suited for high-density applications. The SC connector features an internal cavity and epoxy injection tube that virtually eliminates the possibility of improper epoxy application, thus providing higher manufacturing yields and superior quality.

Amphenol's 954 Series SC connectors are compliant to EIA/TIA-604-3, IEC 61754-4, and fully tested by a third party test lab per Telcordia GR-326 CORE specifications.

Features and Benefits

- Third party tested per Telcordia GR-326 CORE
- Easy push pull coupling mechanism enables quick installation and the audible click signifies when connector is locked in place
- Pull proof design prevents signal interruption
- Teflon tube in rear of connector insures clean epoxy injection
- Duplex version utilizes a removable flexible clip providing a float between channels A and B
- High temperature and UL 94-V0 rated plastic housing and boots available in multiple colors
- Tight tolerance ferrules for low loss performance
- Available in singlemode, angled singlemode, and multimode versions
- Available with 900µm, 1.2mm, 2.0mm, 3.0mm, flex, and 45/90 degree boots in multiple colors



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Specifications

Insertion Loss: ≤ 0.15dB typical, singlemode
≤ 0.23dB typical, APC
≤ 0.25dB typical, multimode

Return Loss: Ultra (UPC) ≤ -55dB*
Angle (APC) ≤ -65dB*

Durability: < 0.2dB change, 500mating cycles

Temperature: <0.3dB change, -40 to +85°C

Intermateability:

Amphenol 954 Series SC Connectors are mechanically and optically intermateable with NTT- SC type products and conform to ANSI, TIA/EIA, IEC, and Telcordia specifications.

*Performance is polish dependent

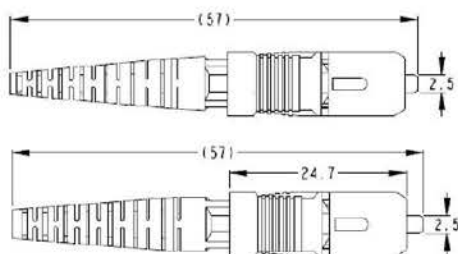




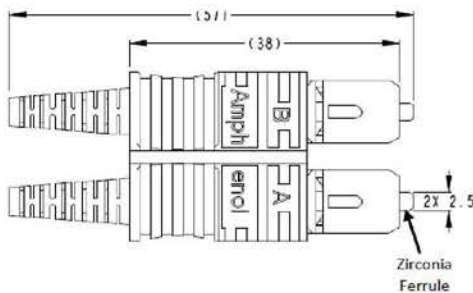
SC Connector Ordering Information

Part # (SC Simplex)	Description	Ferrule Hole Size	Recommended Cable Diameter	Coupling Sleeve Color	Boot Color
954-101-57203B	SC Simplex Connector, Multimode	128µm	3mm	Beige	Black
954-101-57293B	SC Simplex Connector, Singlemode	125.5µm	3mm	Blue	Black
954-101-57293L	SC Simplex Connector, Singlemode	125.5µm	3mm	Blue	Blue
954-103-57393G	SC/APC Simplex Connector, Singlemode, Conical Ferrule	125.5µm	3mm	Green	Green
954-101-57202B	SC Simplex Connector, Multimode	128µm	2mm	Beige	Black
954-101-57292B	SC Simplex Connector, Singlemode	125.5µm	2mm	Blue	Black
954-101-57292L	SC Simplex Connector, Singlemode	125.5µm	2mm	Blue	Blue
954-103-57392G	SC/APC Simplex Connector, Singlemode, Conical Ferrule	125.5µm	2mm	Green	Green
954-101-57209B	SC Simplex Connector, Multimode	128µm	900µm	Beige	Black
954-101-57299B	SC Simplex Connector, Singlemode	125.5µm	900µm	Blue	Black
954-101-57299L	SC Simplex Connector, Singlemode	125.5µm	900µm	Blue	Blue
954-103-57399G	SC/APC Simplex Connector, Singlemode, Conical Ferrule	125.5µm	900µm	Green	Green

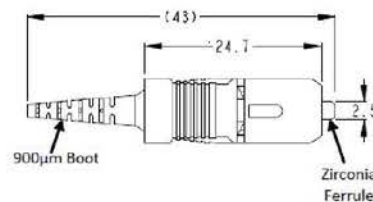
Part # (SC Duplex)	Description	Ferrule Hole Size	Recommended Cable Diameter	Coupling Sleeve Color	Boot Color
954-101-58203B	SC Duplex Connector, Multimode	128µm	3mm	Beige	Black
954-101-58293B	SC Duplex Connector, Singlemode	125.5µm	3mm	Blue	Black
954-101-58293L	SC Duplex Connector, Singlemode	125.5µm	3mm	Blue	Blue
954-103-58393G	SC/APC Duplex Connector, Singlemode, Conical Ferrule	125.5µm	3mm	Green	Green
954-101-58202B	SC Duplex Connector, Multimode	128µm	2mm	Beige	Black
954-101-58292B	SC Duplex Connector, Singlemode	125.5µm	2mm	Blue	Black
954-101-58292L	SC Duplex Connector, Singlemode	125.5µm	2mm	Blue	Blue
954-103-58392G	SC/APC Duplex Connector, Singlemode, Conical Ferrule	125.5µm	2mm	Green	Green
954-101-58209B	SC Duplex Connector, Multimode	128µm	900µm	Beige	Black
954-101-58299B	SC Duplex Connector, Singlemode	125.5µm	900µm	Blue	Black
954-101-58299L	SC Duplex Connector, Singlemode	125.5µm	900µm	Blue	Blue
954-103-58399G	SC/APC Duplex Connector, Singlemode, Conical Ferrule	125.5µm	900µm	Green	Green



SC Simplex Connector
with 2.0mm and 3.0mm Boots



SC Duplex Connector
with 3.0mm Boots



SC Simplex Connector
with 900µm Boot

SC VARIATIONS



Simplex

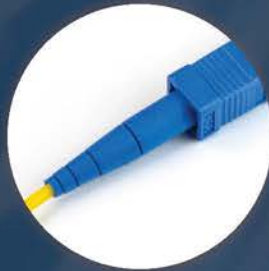


Duplex

Connector Body



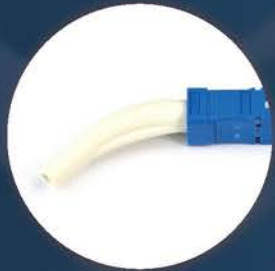
GR-326 Certified



Standard



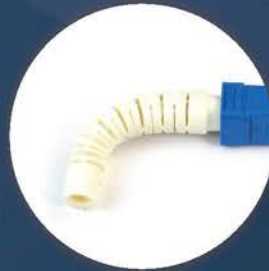
Short



45°



90°



Flex Boot

Boots

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