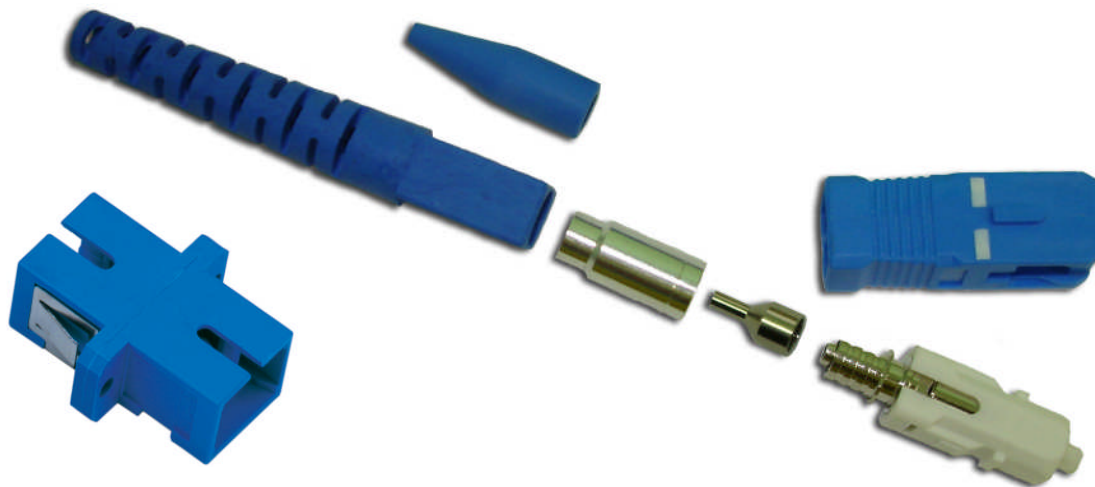


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SC Connectors



American Fiber Optic Technologies, LLC manufactures the highly durable line of LightCon™ SC Connector for Multimode and Singlemode applications.

	Multimode	Singlemode	
Part Number:	ACSC1001	ACSC1002	(Connector)
	AASC1001	AASC1002	(Adapter)

- For use with breakout and distribution style fiber optic cable
- Preassembled
- Meets EIA / TIA, IEC, and JIS C5973 Specifications
- For PC, Super PC or Ultra PC Applications
- Multimode or Singlemode
- Pre-radiused Adament Zirconia Ferrule
- Glass Filled Composite Resin housing
- Strain Relief Designed To Meet Bellcore Mechanical Requirements

CONNECTOR

Insertion Loss

Multimode

< 0.2 dB Typical

Singlemode

< 0.15 dB Typical

Return Loss

- 25 dB

- 55 dB Ultra Polish

Durability

> 500 Matings

> 500 Matings

Tensile Strength (3 mm Cable)

> 15 lbs

> 15 lbs

Flexure (3 mm Cable)

> 100 Cycles

> 100 Cycles

Operational Temperature

- 40 to + 85 °C

- 40 to + 85 °C

ADAPTER

Parameters

Multimode

Phosphor/Bronze

Singlemode

Zirconia

Operating Temperature

- 40 to + 85 °C

- 40 to + 85 °C

Connection Durability

500 Matings

500 Matings

Repeatability

Δ IL < 0.2 dB

Δ IL < 0.2 dB

Insertion Loss

< 0.3 dB

< 0.2 dB

(Test criteria: dependent on fiber/ferrule match, fiber properties and processes)

**American Fiber Optic
Technologies**



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