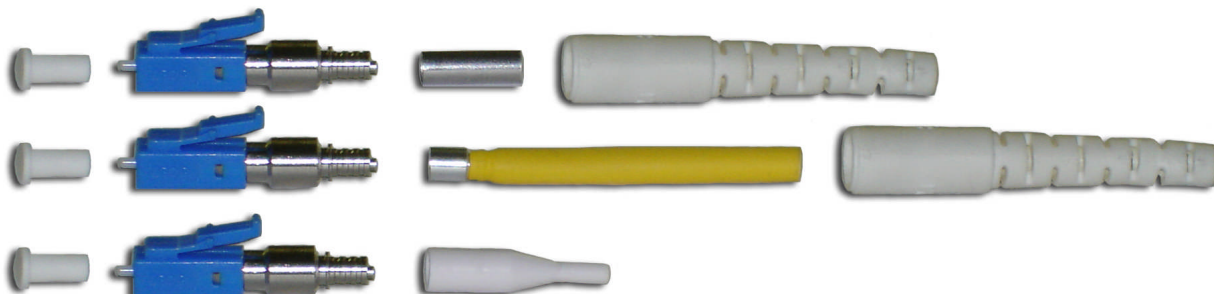


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LC Connectors



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

<u>Part Number:</u>	3mm MM	3mm SM	2mm MM	2mm SM	900μ MM	900μ SM	
	ACLC1001	ACLC1002	ACLC1003	ACLC1004	ACLC1005	ACLC1006	(Connector)
	AALC1001	AALC1002					(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 Adamant Zirconia Ferrule
- Unique LC adapters in SC footprint
- Strain Relief Designed To Meet Bellcore Mechanical Requirements

CONNECTOR

	Multimode	Singlemode
Insertion Loss	< 0.2 dB Typical	< 0.15 dB Typical
Return Loss	- 25 dB Typical	- 55 dB Ultra Polish
Durability	> 500 Matings	> 500 Matings
Tensile Strength (3 mm Cable)	> 15 lbs	> 15 lbs
Operational Temperature	- 40 to + 85 °C	- 40 to + 85 °C

ADAPTER

	Multimode	Singlemode
Parameters	Phosphor/Bronze	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 < 0.1 dB
Insertion Loss	< 0.3 dB	< 0.25 dB

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

**American Fiber Optic
Technologies**



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