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ST Connectors



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

	Multimode	Singlemode	
Part Number:	ACST1001	ACST1002	(Connector)
	AAST1001	AAST1002	(Adapter)

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

CONNECTOR

	Multimode	Singlemode
Insertion Loss	< 0.25 dB Typical	< 0.20 dB Typical
Return Loss	- 25 dB	- 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 < 0.2 dB
Insertion Loss	< 0.3 dB	< 0.2 dB

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

**American Fiber Optic
Technologies**



2428 Bowland Pkwy, Suite 103
Virginia Beach, VA 23454

