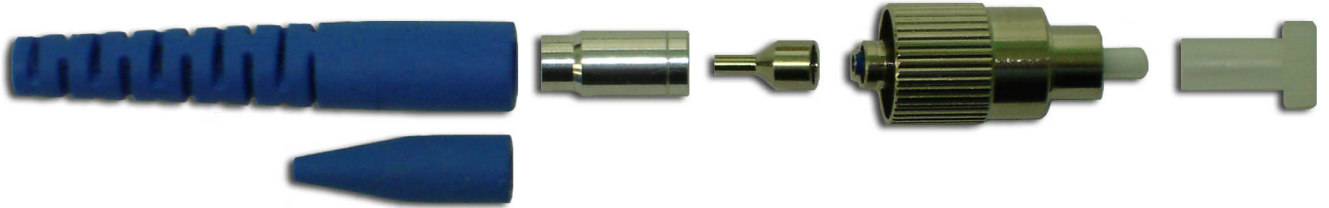


Powered by



FC Connectors



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

| | Multimode | Singlemode | |
|---------------------|-----------|------------|-------------|
| Part Number: | ACFC1001 | ACFC1002 | (Connector) |
| | AAFC1001 | AAFC1002 | (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
- Metal Body Construction
- 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 < 0.1 dB | Δ IL < 0.1 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

