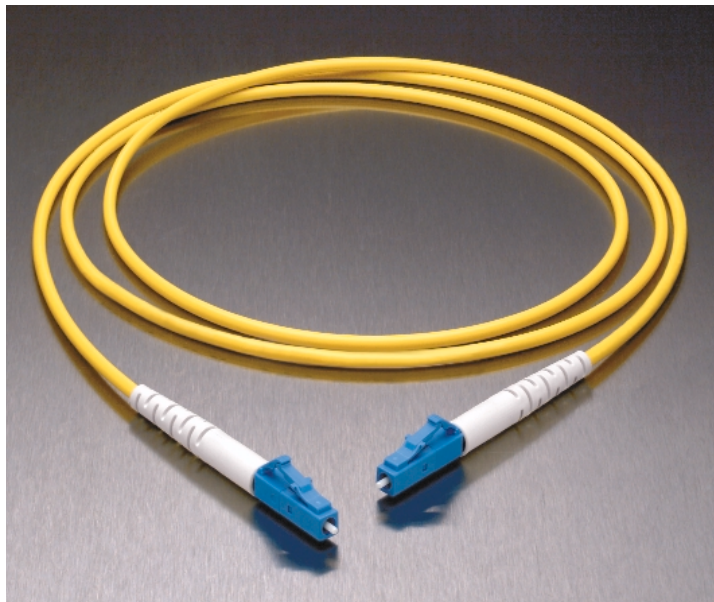




Innovation Brought To Light

www.stratoslightwave.com

LC (SFF) Small Form Factor FIBER OPTIC CABLE ASSEMBLIES



FEATURES

- Singlemode & Multimode (50/125, 62.5/125)
- Standard & custom configurations
- Precision end face geometry testing
- 90 degree boot available
- Compliant with Telcordia GR-326, EIA/TIA 568A & FOCIS 10

BENEFITS

- Factory terminated & tested
- Exceptional insertion loss and return loss
- Tunable after assembly, optimizes insertion loss
- Excellent side load performance
- Customized for unique applications

STRATOS Lightwave LC fiber optic cable assemblies are manufactured and factory tested to provide the high performance link needed in today's high-speed telephony and data networks. Available in both singlemode and multimode versions, LC cable assemblies can be ordered in a variety of standard and custom configurations adapting to any type of application. Ensuring that all LC cable assemblies are capable of meeting the stringent demands for low insertion loss and low back reflectance in network systems, high precision interferometric measuring equipment is used to control radii, apex offset, fiber protrusion and concentricity of the ferrule end face. STRATOS Lightwave is ISO 9001 certified and manufactures LC connectors to be compliant with Telcordia GR-326-CORE, EIA/TIA 568A, TIA 604 FOCIS 10 and ISO 11801 for optical performance and intermateability. The STRATOS Lightwave LC connector family is compatible with Lucent SYSTIMAX® and ExchangeMAX® applications.

APPLICATIONS

- Telecom
- Datacom
- CATV/Broadband
- LAN
- WAN
- Active Device Termination
- Premise Installation

PERFORMANCE

	MULTIMODE	SINGLE MODE
Nominal Fiber OD	125um	125um
Insertion Loss (typical)	<0.1dB	<0.2dB
Return Loss (max)	-20dB	-50dB
Cable Retention		
BTW	2 lbs. (8.9N)	2 lbs. (8.9N)
Patchcord	20 lbs. (88.9N)	20 lbs. (88.9N)
Mating Durability (500cycles)	<0.2dB	<0.2dB
Temperature Stability (-40°C to +85°C)	<0.3dB	<0.3dB
Ferrule Material	Ceramic or Polymer	Ceramic

MATERIALS

- **Body:** Thermoplastic: SM-Blue APC-Green MM-Beige
- **Boot:** Thermoplastic: White
- **Crimp Sleeve:** Copper, Tin-Plated
- **Ferrule:** SM-Zirconia Ceramic
MM-Zirconia Ceramic or Polymer
- **Fiber:** 9/125, 50/125, 62.5/125



A Subsidiary of Methode Electronics, Inc.

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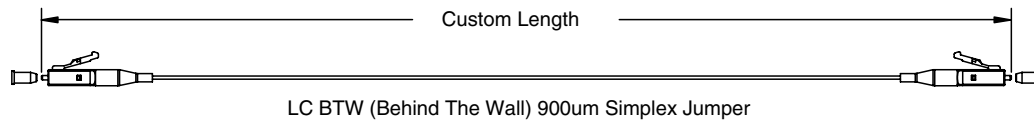
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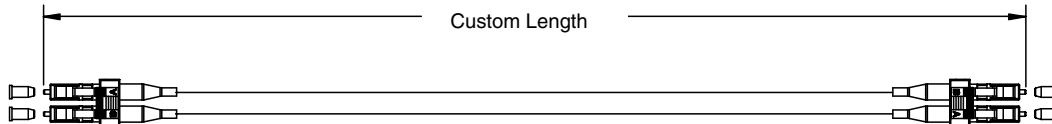
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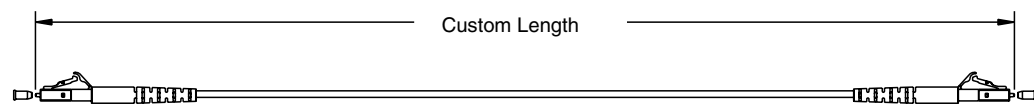
LC (SFF) Small Form Factor FIBER OPTIC CABLE ASSEMBLIES



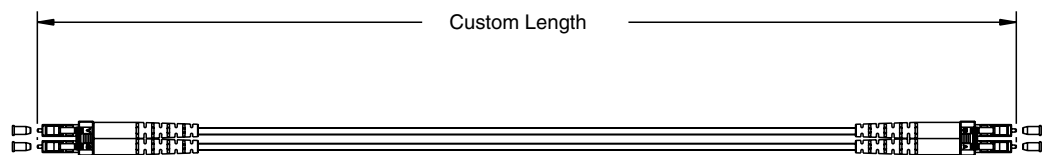
LC BTW (Behind The Wall) 900um Simplex Jumper



LC BTW (Behind The Wall) 900um Duplex Jumper



LC Patchcord 3.0mm Simplex Jumper



LC Patchcord 3.0mm Duplex Jumper

Standard LC Jumper Assemblies

ORDERING INFORMATION

Description	Fiber Type	Cable Type	Fire Rating	Part Number	
LC to LC	Singlemode	simplex, 900um cable	OFNR	LC2-1001-XXXM	
LC to LC	Singlemode	duplex, 900um cable	OFNR	LC4-1001-XXXM	
LC to LC	Singlemode	simplex, 1.6mm cable	OFNR	LC2-1010-XXXM	
LC to LC	Singlemode	duplex, 1.6mm cable	OFNR	LC4-1013-XXXM	
LC to LC	Singlemode	simplex, 3.0mm cable	OFNR	LC2-1004-XXXM	
LC to LC	Singlemode	duplex, 3.0mm cable	OFNR	LC4-1053-XXXM	• LC APC (Angle Polish) assemblies available
LC to LC	Multimode 62.5/125	simplex, 900um cable	OFNR	LC2-1003-XXXM	• Hybrid cables available; MT-RJ, SC, ST, FC
LC to LC	Multimode 62.5/125	duplex, 900um cable	OFNR	LC4-1003-XXXM	
LC to LC	Multimode 62.5/125	simplex, 1.6mm cable	OFNR	LC2-1012-XXXM	• Custom Jumpers, Trunks & Pigtail assemblies available
LC to LC	Multimode 62.5/125	duplex, 1.6mm cable	OFNR	LC4-1022-XXXM	
LC to LC	Multimode 62.5/125	simplex, 3.0mm cable	OFNR	LC2-1006-XXXM	• Plenum and low smoke zero halogen cables available
LC to LC	Multimode 62.5/125	duplex, 3.0mm cable	OFNR	LC4-1045-XXXM	
LC to LC	Multimode 50/125	simplex, 900um cable	OFNR	LC2-1002-XXXM	
LC to LC	Multimode 50/125	duplex, 900um cable	OFNR	LC4-1002-XXXM	
LC to LC	Multimode 50/125	simplex, 3.0mm cable	OFNR	LC2-1005-XXXM	
LC to LC	Multimode 50/125	duplex, 3.0mm cable	OFNR	LC4-1050-XXXM	

XXXM = Length in meters (for feet enter "F" instead of "M")

COMPANY CONTACT INFORMATION

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