

LC-LC

Fiber Optic Patch Cord / Pigtail

LC-LC Fiber Optical Patch Cord



Overview

LC Fiber Optic Patch Cord stands for Lucent Connector. The LC is a small form-factor fiber optic connector. LC connector uses a 1.25 mm ferrule, half the size of the ST. Also, it is a standard ceramic ferrule connector. The LC has good performance and is highly favored for single mode.

Features

- Superior qualified standard PC/UPC/APC polishing
- Compliant with Telcordia GR-326-Core, TIA/EIA and IEC61300
- 100% optic test (Insertion Loss & Return Loss)
- 0.9mm, 2.0mm and 3.0mm cable optional
- Simplex / Duplex Optional
- Flexible boot are available
- PVC/LSZH







Applications

- High Speed and volume Fiber Optic Transmission Systems
- CATV Networks
- LAN
- Fiber Optic Instrumentation

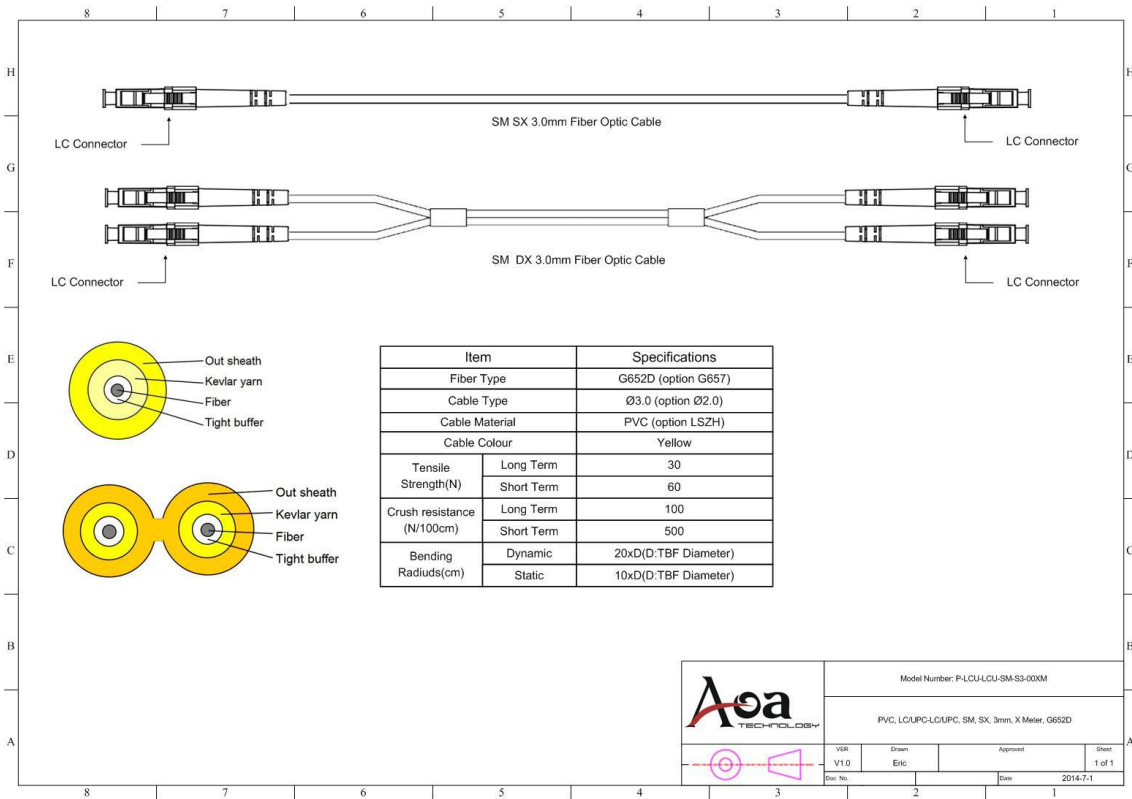
Technical Specifications

Patch Cord/Pigtail Spec			
Type	Single mode(UPC)	Single mode(APC)	Multi-mode (PC)
Insertion loss	≤0.2 dB	≤0.2 dB	≤0.2 dB
Return Loss	≥50 dB	≥60 dB	≥35 dB
Repeatability	≤0.1dB		
Durability	≥ 1000matings		
Operating Temperature	-40 °C to +80 °C		
Tensile Strength(N)	≥90N (φ 3), ≥70N (φ 2)		

Fiber Cable Connectors Type

		
LC SM SX 0.9	LC SM SX 3.0	LC UPC SM DX
		
LC APC 0.9	LC APC 2.0	LC APC DX

Cable Structure



Order Information

Port	Polishing	Port	Polishing	Fiber Type	Cable Type	Fiber Length	Jacket
FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	SM=SM 9/125um M5=MM 50/125um M6=MM 62.5/125um O3=MM OM3 O4=MM OM4	S9=Simplex 0.9mm S2=Simplex 2.0mm S3=Simplex 3.0mm D2=Duplex 2.0mm D3=Duplex 3.0mm DR=Round Duplex (For MT/RJ only)	001M=1 meter 002M=2 meter 001F=1 foot 002F=2 foot	P=PVC L=LSZH

Example: LCU-LCU-SM-S2-003M-P LC/UPC-LC/UPC SM 2.0mm 3meter PVC



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