

LL-CT-LC-sm

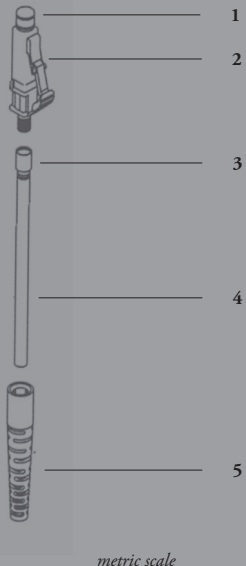
— Connector LC, singlemode —

Connector: plastic body, ceramic ferrule for singlemode applications

Standards: Connectors are designed and tested to conform the requirements of IEC, CECC, EIA/TIA & Telcordia (Bellcore)

Connectors are designed and tested to conform the requirements of IEC 61754-20, EIA/TIA and Telcordia (Bellcore) documents for connectors. – In the present version, the LC-connector for singlemode applications features a plastic compound housing with push-pull connecting device including a zirconia/ceramic ferrule.

TECHNICAL DRAWING



CONSTRUCTION

1 - DUST CAP

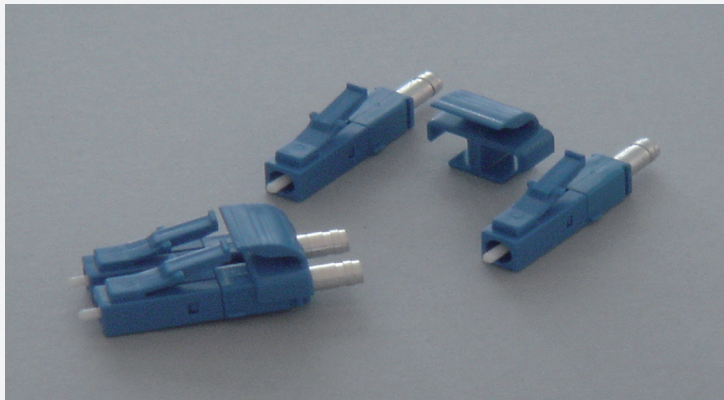
2 - CONNECTOR HOUSING

3 - CRIMP EYELET

4 - HEAT SHRINK

5 - BOOT

FRONT VIEW



TECHNICAL SPECIFICATIONS

Type	: LC
Application	: singlemode
Material of ferrule	: zirconia / ceramic (ZrO ₂)
Surface of ferrule	: convex
Standard ferrule outlet	: 125µm/126µm
Material of body	: plastic compound, blue
Montage of cable	: crimp
Standard connection for cables/fibers	: 2,0mm, 2,5mm, 2,8mm, 3,0mm / 900µm
Connecting device	: push - pull
Insertion loss	: ≤ 0,10dB
Return loss	: ≥ 35,0dB
Mating cycles	: 1000 / typical increase after 2000 cycles < 0,05dB
Temperature range	: operation: -40°C to +80°C / storage: -40°C to +90°C

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