

6828129-1 ✓ ACTIVE

AMP | Sigma SC, FullAXS LC

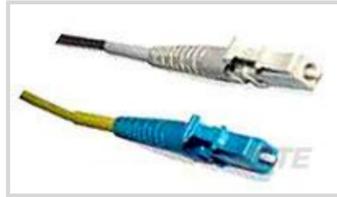
TE Internal #: 6828129-1

Multimode LC Connector, Duplex, FullAXS LC

[View on TE.com >](#)



Fiber Optics > Fiber Optic Connectors > Standard Fiber Connectors > LC Connectors



Compatible Cable Diameter Range: 1.6 – 2 mm [.06 – .07 in]

Fiber Optic Mode: **Multimode**

Data Transmission Mode: **Duplex**

Features

Product Type Features

Fiber Optic Cable Type	Tight Jacket
Fiber Optic Mode	Multimode
Data Transmission Mode	Duplex

Configuration Features

Endface Geometry	PC
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Body Features

Primary Product Color	Beige
Boot Type	Bend Limiting
Boot Color	Beige

Dimensions

Boot Length	30.5 mm[1.2 in]
Compatible Cable Diameter Range	1.6 – 2 mm[.06 – .07 in]

Packaging Features

Packaging Method	Bag
Packaging Quantity	1

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

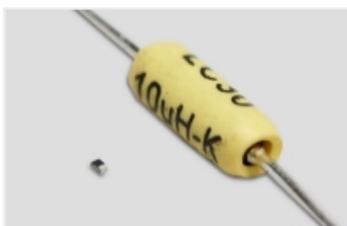
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Also in the Series | **Sigma SC**



High Frequency & RF Inductors(78)



LC Connectors(2)



Printable Tubing(9)



SC Connectors(5)

Also in the Series | **FullAXS LC**

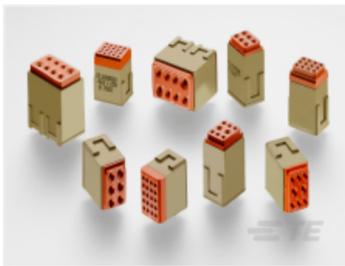


Docking Connectors(1)



LC Connectors(2)

Customers Also Bought



TE Part #CTJ122E05E-513
MODULE ASSY



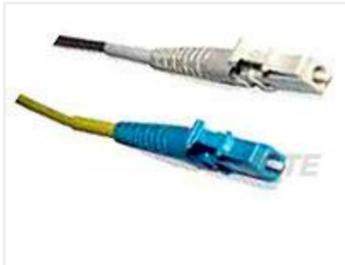
TE Part #5-146250-5
10 MODII HDR DRST B/A .100CL



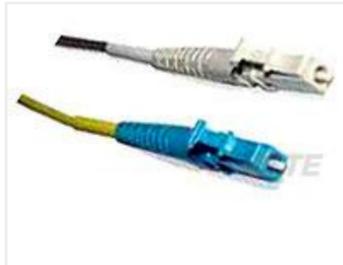
TE Part #2-331350-6
BNC PLUG, PTFE



TE Part #1617807-4
FC-335-SY4=RELAY, 3PST



TE Part #6828095-1
CO KIT, LC, SM, SIM TIGHT



TE Part #6828130-1
CO KIT, LC, SM, DUP TIGHT



TE Part #ES4100402BGM
ES4100402BGM=RELAY



TE Part #ES4050404BGM
ES4050404BGM=RELAY



TE Part #6828094-1
CO KIT, LC, MM, SIM TIGHT

Documents

Product Drawings

CO KIT, LC, MM, DUP TIGHT

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6828129-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6828129-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6828129-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



[Product Specification](#)

English

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English