

1828935-1 ✓ ACTIVE

FullAXS | FullAXS LC

TE Internal #: 1828935-1

Fiber Optic Patch Cable Assemblies, OFNR, .295 in [7.5 mm]

Diameter, 2 Fibers, Beige, Beige, Black Cable, Standard Boot Type (Left), FullAXS LC

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Fiber Optics > Fiber Optic Cable Assemblies > Fiber Optic Patch Cable Assemblies



Fiber Optic Cable Type: **OFNR**

Cable Assembly Fiber Diameter: **62.5/125  $\mu$ m**

Outside Cable Diameter: **7.5 mm [ .295 in ]**

Number of Fibers: **2**

Connector Color (End A): **Beige**

## Features

### Product Type Features

Fiber Optic Cable Type	OFNR
Fiber Optic Mode	Multimode
Connector Type (End A)	LC Duplex Plug
Connector Type (End B)	LC Duplex Plug
Cable Assembly Type	LC Duplex
Fiber Type	OM1

### Configuration Features

Number of Connectors (End A)	2
Number of Connectors (End B)	2
Number of Fibers	2
Cable Buffering	Tight Buffer

### Signal Characteristics

Insertion Loss A (Max)	.5 dB
Insertion Loss B (Max)	.5 dB



Return Loss	30 dB
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### Body Features

Cable Flammability Rating	OFNR (Riser) Jacket
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Connector Color (End A)	Beige
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Connector Color (End B)	Beige
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Cable Color	Black
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Boot Type (Left)	Standard
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Boot Type (Right)	Standard
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Boot Color (Left)	Black
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Boot Color (Right)	Black
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Polarity	Flipped
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### Contact Features

Ferrule Material	Zirconia
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### Dimensions

Cable Assembly Fiber Diameter	62.5/125 $\mu$ m
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Outside Cable Diameter	7.5 mm [.295 in]
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### Other

Cable Assembly Length	1 m [.305 ft]
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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>

## Compatible Parts



TE Part # 1828619-1  
Kit, Receptacle, LC, ODVA, MM



TE Part # 1828936-1  
CA FO 2FIB B/O SM, LC ODVA

## Also in the Series | FullAXS LC




Docking Connectors(1)



Fiber Connector Covers & Caps(1)



Fiber Optic Patch Cable Assemblies(8)



LC Connectors(4)



ODVA LC Connectors(3)



PCB Headers & Receptacles(1)

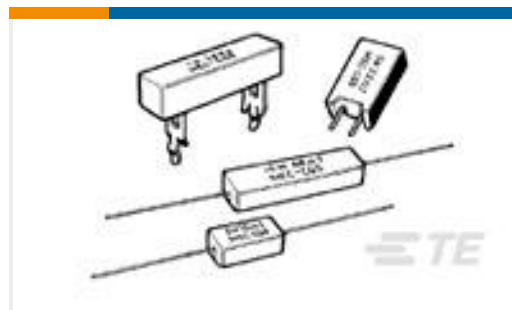
## Customers Also Bought



TE Part #2198234-2  
SFP+ Enhanced 1x4, SAN Heatsink, LP



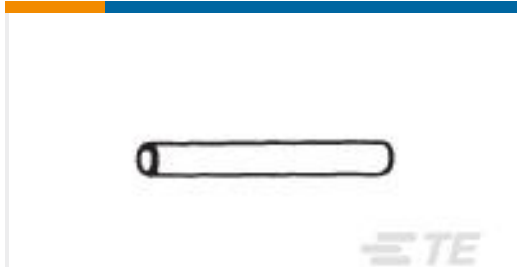
TE Part #1735104-3  
SAS BACKPLANE RECEPT, VERTICAL



TE Part #1-1623803-0  
SQZ7 4K7 5% (METAL FILM)



TE Part #1103431-1  
MALE INSERT, CRIMP, 12-POS. TYPE III+



TE Part #1445886-1  
RET PIN, 75/120/180A, SP, 1 HIGH



TE Part #1828936-2  
CA FO 2FIB B/O SM, LC ODVA



TE Part #2064915-3  
C/A, F/O, 2F I/O MM50 OM3, SCLC DPX



TE Part #5-2029002-0  
09P UMNL HDR ASSY PC, NDH



TE Part #5-2029002-1  
09P UMNL HDR ASSY PC, NDH

## Documents

### Product Drawings

[CA FO, 2FIB B/O 62.5/125 LC ODVA](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1828935-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1828935-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1828935-1\\_F.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

1828935-1

Fiber Optic Patch Cable Assemblies, OFNR, .295 in [7.5 mm] Diameter, 2 Fibers,  
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## Fiber Optic Products\_0412

English