



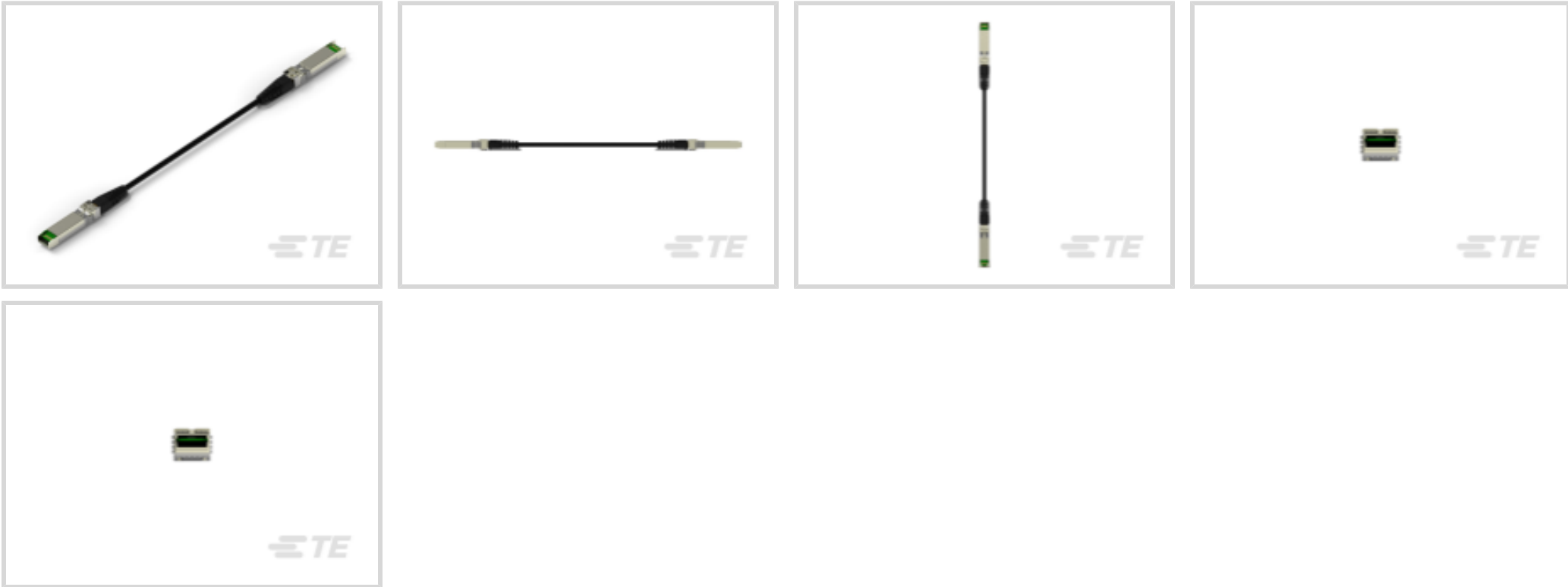
SFP56

TE Internal #: 4-2821224-5

SFP56 Cable Assembly, 4 Positions, 9.84 ft [3 m], 56 Gb/s, Black
Cable, Shielded, 26 AWG, .129 mm², Madison TurboTwin - Round
Jacketed, SFP56 Plug

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > SFP56 to SFP56 Cable Assembly: 26 AWG



Cable Assembly Type: **SFP56**

Equalized: **No**

Wire Size: **.129 mm²**

Outside Cable Diameter: **5.96 mm [.235 in]**

[All SFP56 to SFP56 Cable Assembly: 26 AWG \(5\)](#)

Features

Product Type Features

| | |
|-------------------------|------------------------------------|
| Cable Assembly Category | High Speed, Industry Standard |
| Cable Assembly Type | SFP56 |
| Connector Type (End A) | SFP56 Plug |
| Connector Type (End B) | SFP56 Plug |
| Cable Style | Madison TurboTwin - Round Jacketed |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 4 |
| Number of Pairs | 2 |
| Number of Signal Positions | 4 |

Electrical Characteristics

| | |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

Signal Characteristics

| | |
|-----------|---------|
| Data Rate | 56 Gb/s |
|-----------|---------|



Body Features

| | |
|---------------------------|-------|
| Equalized | No |
| Cable Color | Black |
| Cable Flammability Rating | CL2 |

Dimensions

| | |
|------------------------|----------------------|
| Wire Size | .129 mm ² |
| Outside Cable Diameter | 5.96 mm[.235 in] |

Operation/Application

| | |
|--------------|-----|
| Shielded | Yes |
| Halogen Free | No |

Other

| | |
|-----------------------|--------------|
| Cable Assembly Length | 3 m[9.84 ft] |
|-----------------------|--------------|

Product Compliance

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

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: TBPH (15% in Component Part) MCCP (.11% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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>

Compatible Parts

| | | | |
|--|--|---|--|
|  <p>TE Part # CAT-Z8-P6507 zSFP+ Stacked Cage Assembly: Gasket</p> |  <p>TE Part # CAT-SF59-C117ST123 SFP+ Stacked Cage Assemblies</p> |  <p>TE Part # CAT-Z8-P650632 zSFP+ Cage Assembly: EMI Springs</p> |  <p>TE Part # CAT-Z8-P650796 zSFP+ Stacked Cage Assembly: EMI Spring</p> |
|  <p>TE Part # CAT-Z8-P65063 zSFP+ Cage Assembly: Elastomeric Gasket</p> |  <p>TE Part # 2007250-1 SFP+ 1x6 Cage Assembly with Light Pipes</p> |  <p>TE Part # 2007135-1 SFP+ 1x4 CageAssembly w/ EMI gasket</p> |  <p>TE Part # 2007180-1 SFP+ 1X2 CAGE ASSM/LIGHTPIPE, EMI GASKET</p> |
|  <p>TE Part # 2284170-1 SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FI</p> |  <p>TE Part # 2007254-1 SFP+ 1x1 Cage Assembly, Light Pipe</p> |  <p>TE Part # 2198230-2 SFP+ Enhanced 1x2, SAN Heatsink</p> |  <p>TE Part # 2198230-1 SFP+ Enhanced 1x2, PCI Heatsink</p> |
|  <p>TE Part # 2170030-1 SFP+ 1x4 w/ Ultra Low Profile LP</p> |  <p>TE Part # 2007194-2 SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p> |  <p>TE Part # 2007181-1 SFP+ 1x2 Cage Assy, EMI Gasket</p> |  <p>TE Part # 2007194-1 SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p> |



TE Part # 2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail



TE Part # 2170088-2
ZSFP+ Connector, 15u"



TE Part # 2291634-3
SFP+ 1X1 CAGE ASSY, PF, WITH HEATSINK

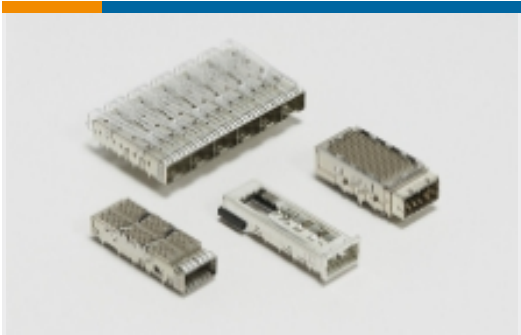


TE Part # 2007251-1
SFP+ 1x6 Cage Assembly

Also in the Series | SFP56



Pluggable I/O Cable Assemblies(17)



Pluggable IO Connectors & Cages(53)

Customers Also Bought



TE Part # 2007562-6
SFP+ Stacked Cage Assemblies



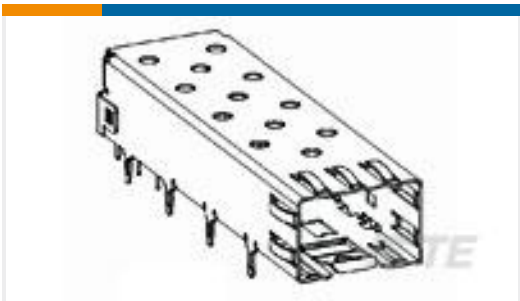
TE Part # 640456-2
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part # 1367073-1
20 POS SMT CONN, SFP, 15AU



TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG



TE Part # 2227302-1
CAGE ASSY, PRESS FIT, SFP



TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG



TE Part # 4-2821223-2
SFP56 DIRECT ATTACH CA, 1M, 28AWG



TE Part # 2323767-1
DD-DD, 28AWG 2-8PR, 1.0M

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2821224-5_E.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_4-2821224-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2821224-5_E.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English