



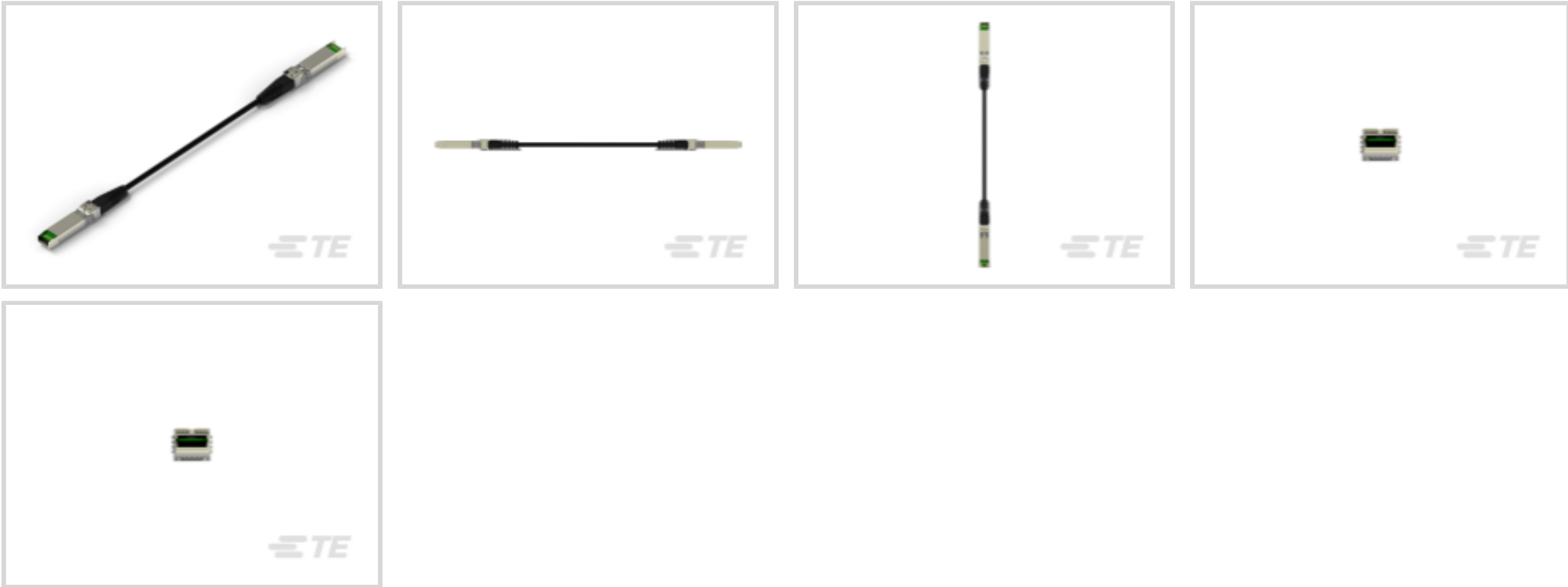
SFP56

TE Internal #: 4-2334985-2

SFP+ Cable Assembly, 4 Positions, 1 m [3.28 ft], 56 Gb/s, Black  
Cable, Shielded, 32 AWG, .032 mm<sup>2</sup>, Madison TurboTwin - Round  
Jacketed, SFP+ Plug

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies



Cable Assembly Type: **SFP+**  
Cable Assembly (End A): **SFP+ Plug**  
Cable Assembly (End B): **SFP+ Plug**  
Wire Size: **.032 mm<sup>2</sup>**

Features

Product Type Features

|                         |                                    |
|-------------------------|------------------------------------|
| Cable Assembly Category | High Speed, Industry Standard      |
| Cable Assembly Type     | SFP+                               |
| Cable Assembly (End A)  | SFP+ Plug                          |
| Cable Assembly (End B)  | SFP+ 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

|  |  |
|--|--|
|  |  |
|--|--|



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

Dimensions

|                        |                 |
|------------------------|-----------------|
| Wire Size              | .032 mm²        |
| Outside Cable Diameter | 3.81 mm[.15 in] |

Operation/Application

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

Other

|                       |              |
|-----------------------|--------------|
| Cable Assembly Length | 1 m[3.28 ft] |
|-----------------------|--------------|

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>TBPH (15% in Component Part)<br>MCCP (.11% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 reviewed 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<br/>zSFP+ Stacked Cage Assembly: Gasket</p>     |  <p>TE Part # CAT-SF59-C117ST123<br/>SFP+ Stacked Cage Assemblies</p>      |  <p>TE Part # CAT-Z8-P650632<br/>zSFP+ Cage Assembly: EMI Springs</p>      |  <p>TE Part # CAT-Z8-P650796<br/>zSFP+ Stacked Cage Assembly: EMI Spring</p> |
|  <p>TE Part # 2007135-1<br/>SFP+ 1x4 CageAssembly w/ EMI gasket</p>      |  <p>TE Part # 2007180-1<br/>SFP+ 1X2 CAGE ASSM/LIGHTPIPE, EMI GASKET</p> |  <p>TE Part # 2284170-1<br/>SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FI</p> |  <p>TE Part # 2007254-1<br/>SFP+ 1x1 Cage Assembly, Light Pipe</p>         |
|  <p>TE Part # 2198230-2<br/>SFP+ Enhanced 1x2, SAN Heatsink</p>          |  <p>TE Part # 2170030-1<br/>SFP+ 1x4 w/ Ultra Low Profile LP</p>         |  <p>TE Part # 2007194-2<br/>SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p> |  <p>TE Part # 2007181-1<br/>SFP+ 1x2 Cage Assy, EMI Gasket Tail</p>        |
|  <p>TE Part # 2007194-1<br/>SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p> |  <p>TE Part # 2110304-1<br/>SFP+ 1x1 Cage Assembly, Solder Tail</p>      |  <p>TE Part # 2291634-3<br/>SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>     |  <p>TE Part # 2007251-1<br/>SFP+ 1x6 Cage Assembly</p>                     |





TE Part # 2007178-1  
SFP+ 1x4 Cage Assembly, Light

TE Part # 2007262-1  
SFP+ 1x2 Cage Assembly, Light

TE Part # 2198235-3  
SFP+ Enhanced 1x6, Networking Heatsink

TE Part # 2198230-3  
SFP+ Enhanced 1x2, Networking Heatsink

Also in the Series | SFP56

Pluggable I/O Cable Assemblies(17)

Pluggable IO Connectors & Cages(53)

Customers Also Bought

TE Part #4-2821224-5  
SFP56 DIRECT ATTACH CA, 3M, 26AWG

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

TE Part #4516513001  
100G0111-1.50-2

TE Part #214787-E  
EPSVA KS GDM4 EE 6 3,8 SN \* STROMVERSORG

TE Part #2345388-1  
2POS,AMP MCP 2.8,REC HSG ASSY, SLD,COD 1

TE Part #2345390-1  
3POS,AMP MCP 2.8,REC HSG ASSY, SLD,COD 1

TE Part #L9000247-01  
MCX Jack 50 Ohm .062 PCB Edge Mount

TE Part #1478768-5  
ANTI-VIB NYLON GLD 25MM GREY

TE Part #234487-E  
SRCA 1,27 12 F 1 I2426 137 E1 094 1,07 T





Documents

Product Drawings

SFP56 DIRECT ATTACH CA, 1M, 32AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-2334985-2\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-2334985-2\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-2334985-2\_1.3d\_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English