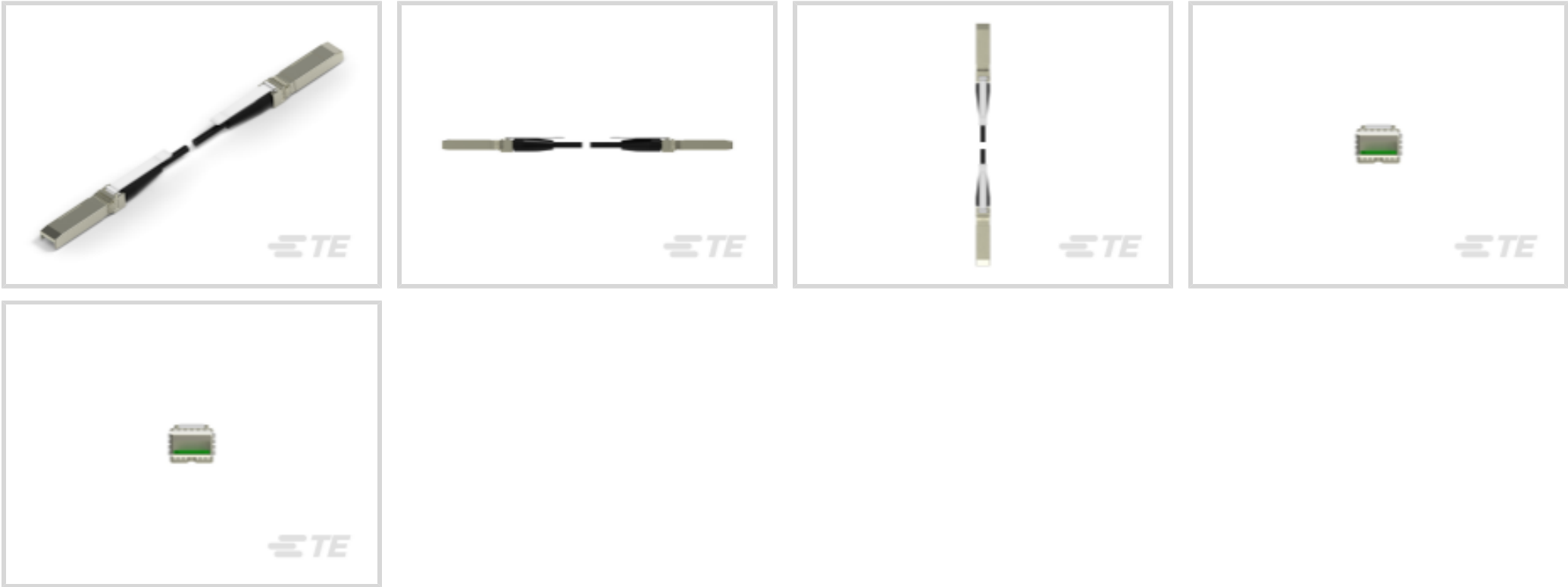




Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > SFP+ to SFP+ I/O Cable Assembly: 28 AWG



Cable Assembly Type: SFP+

Equalized: No

Wire Size: .081 mm<sup>2</sup>

Outside Cable Diameter: 4.7 mm [ .185 in ]

[All SFP+ to SFP+ I/O Cable Assembly: 28 AWG \(6\)](#)

Features

Product Type Features

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Latching Style          | Retractable Pin                                       |
| Cable Assembly Category | High Speed                                            |
| Cable Assembly Type     | SFP+                                                  |
| Connector Type (End A)  | SFP+ Plug                                             |
| Connector Type (End B)  | SFP+ Plug                                             |
| Cable Style             | Madison TurboTwin, 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 | 10 Gb/s |
|-----------|---------|



Body Features

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Strain Relief Type        | Overmold                                                 |
| Shield Material           | Aluminum/Polyester/Aluminum Tape/Tin-Plated Copper Braid |
| Jacket Material           | Flexible PVC                                             |
| Equalized                 | No                                                       |
| Cable Color               | Black                                                    |
| Cable Flammability Rating | CL2                                                      |

Contact Features

|                                      |      |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

Mechanical Attachment

|                  |         |
|------------------|---------|
| Mating Alignment | Without |
|------------------|---------|

Housing Features

|                  |            |
|------------------|------------|
| Housing Material | Zinc Alloy |
|------------------|------------|

Dimensions

|                        |                      |
|------------------------|----------------------|
| Wire Size              | .081 mm <sup>2</sup> |
| Outside Cable Diameter | 4.7 mm[.185 in]      |

Operation/Application

|          |     |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Other

|                              |              |
|------------------------------|--------------|
| Cable Assembly Configuration | Double Ended |
| 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 with Exemptions                                                                                                                     |
| 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)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Pb (3.7% in Component) |



Article Safe Usage Statements:  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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-SF59-C117ST123<br/>SFP+ Stacked Cage Assemblies</p>    |  <p>TE Part # CAT-SF59-C76264<br/>SFP Connectors</p>                     |  <p>TE Part # 2007250-1<br/>SFP+ 1x6 Cage Assembly with Light Pipes</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 # 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 # 2198230-1<br/>SFP+ Enhanced 1x2, PCI 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</p>          |  <p>TE Part # 2007194-1<br/>SFP+ 1x1 Cage Assembly, PCI, Solder Tail</p> |





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

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

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

TE Part # 2007263-1  
SFP+ 1x2 Cage Assembly

TE Part # 2007464-3  
SFP+ 1x1 Cage Assy, PF, with Heatsink

Customers Also Bought

TE Part # 2007562-6  
SFP+ assy 2x6 Spring Fingers inner Lp Sn

TE Part # 2127933-6  
C/A, SFP+, GENERIC, 5.0M

TE Part # 2-2170740-1  
QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP

TE Part # 2007863-1  
IMP100S,H,V5P16C,RG,LEW39,4.5

TE Part # 2042139-2  
RA Male Connector, IEC L3

TE Part # 2185223-1  
ASSY, SEATING TOOL, QSFP

TE Part # 2214574-8  
2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY

TE Part # 5-2170705-8  
CAGE ASSY, QSFP28 1X1, SPRING, HS, C LP

TE Part # 2226412-1  
ASSY PIN MODULE, 16-02 PCB RA, STD

Documents



Product Drawings

C/A, SFP+, GENERIC, 3.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2127932-4\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2127932-4\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2127932-4\_C.3d\_stp.zip

English

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

Datasheets & Catalog Pages

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

Agency Approvals

UL Report

English