



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



Cable Assembly Type: **SFP28**

Number of Positions: **4**

Cable Assembly Length: **2 m [ 6.56 ft ]**

Data Rate: **28 Gb/s**

Cable Color: **Black**

Features

Product Type Features

|                         |                                    |
|-------------------------|------------------------------------|
| Latching Style          | Pull Tab Release                   |
| Cable Assembly Category | High Speed, Industry Standard      |
| Cable Assembly Type     | SFP28                              |
| Cable Style             | Madison TurboTwin - Round Jacketed |
| Cable Assembly (End A)  | SFP28 Plug                         |
| Cable Assembly (End B)  | SFP28 Plug                         |

Configuration Features

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

Electrical Characteristics

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

Signal Characteristics

|           |         |
|-----------|---------|
| Data Rate | 28 Gb/s |
|-----------|---------|

Body Features

|                           |       |
|---------------------------|-------|
| Jacket Material           | PVC   |
| Cable Color               | Black |
| Equalized                 | No    |
| Cable Flammability Rating | CL2   |



Mechanical Attachment

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

Dimensions

|                        |                      |
|------------------------|----------------------|
| Wire Size              | .025 mm <sup>2</sup> |
| Outside Cable Diameter | 2.92 mm[.115 in]     |

Operation/Application

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

Other

|                              |              |
|------------------------------|--------------|
| Cable Assembly Configuration | Double Ended |
| Cable Assembly Length        | 2 m[6.56 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 2025 (247)<br>Candidate List Declared Against: DEC 2014 (161)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                                    |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the



product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

TE Part #1-6450820-5  
MBXLE VERT HDR 6P20S

TE Part #1-1986711-8  
SCREWLESS, SW,18P,5.0 PCB

TE Part #60006-1  
250 FASTON TAB 18-14 AWG BR

TE Part #4-2334878-4  
QSFP TO [4]SFP 56GIG 26AWG 2 METER

TE Part #3-1879692-2  
H8 21R 0.1% 100PPM

TE Part #5-2176347-7  
CRGCQ 2010 470K 1%

TE Part #CAT-C11-Q17  
QSFP56 to QSFP56 Cable Assembly:  
26 AWG

TE Part #4-2176363-9  
RQ 0402 1K37 0.1% 10PPM 5K RL

TE Part #2176049-4  
RLP73M 1E R068 1% 1K RL

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2821262-4\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2821262-4\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2821262-4\_B.3d\_stp.zip

English

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



Datasheets & Catalog Pages

EEPROM Map SFP28 Straight Assembly

English