



zQSFP+/QSFP28

TE Internal #: 2336313-1  
QSFP Cable Assembly, 16 Positions, .5 m [.164 ft], 25 Gb/s, Black  
Cable, Shielded, 32 AWG, .032 mm<sup>2</sup>, Madison TurboTwin - Round  
Jacketed, QSFP Plug

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP28 to QSFP28 Cable Assembly: 32 AWG



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

[All QSFP28 to QSFP28 Cable Assembly: 32 AWG \(4\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Pairs	8
Number of Signal Positions	16

Electrical Characteristics

Impedance	100 Ω
-----------	-------

Signal Characteristics

Data Rate	25 Gb/s
-----------	---------



Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.032 mm²
Outside Cable Diameter	5.6 mm[.221 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	.5 m[.164 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	Not 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: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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

TE Part # 2352105-1  
CDQ CAGE ASSEMBLY

## Also in the Series | zQSFP+/QSFP28

Heat Sinks(7)

Pluggable I/O Cable Assemblies(78)

Pluggable IO Connectors & Cages(424)

## Customers Also Bought

TE Part #8-215079-4  
MICRO-MATCH FOB.14P

TE Part #1622296-1  
LR1 1% 100K

TE Part #826632-4  
4P AMPMODU II PIN HDR.

TE Part #215876-1  
6/6 PCB MOD.JACK SE

TE Part #1-282836-0  
TERMI-BLOK PCB MOUNT 90 10P.

TE Part #1-282836-2  
TERMI-BLOK PCB MOUNT 90 12P.

TE Part #3-826629-6  
1X36 POS AMPMODU II HEADER

## Documents

Product Drawings

QSFP 25GIG 32AWG 0.5 METER

English

### CAD Files



3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2336313-1\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2336313-1\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2336313-1\\_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