



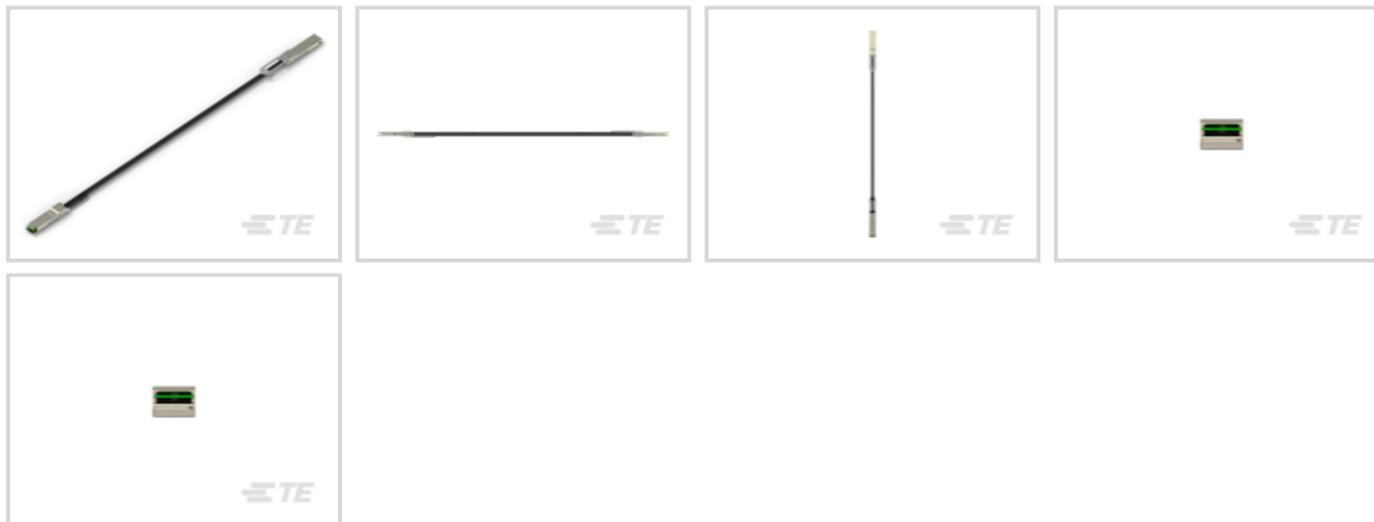
**zQSFP+/QSFP28**

TE Internal #: 2333393-7

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 3 m [9.84 ft], 25 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm<sup>2</sup> Wire, QSFP28 Plug End A

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP28 to QSFP28 Cable Assembly: 30 AWG



Cable Assembly Type: **QSFP28 to QSFP28**

Cable Assembly (End A): **QSFP28 Plug**

Cable Assembly (End B): **QSFP28 Plug**

Wire Size: **.051 mm<sup>2</sup>**

[All QSFP28 to QSFP28 Cable Assembly: 30 AWG \(6\)](#)

## Features

### Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP28 to QSFP28
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 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
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### Signal Characteristics

Data Rate	25 Gb/s
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**Body Features**

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

**Dimensions**

Wire Size	.051 mm <sup>2</sup>
Outside Cable Diameter	6.2 mm[.244 in]

**Operation/Application**

Shielded	Yes
Halogen Free	No

**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
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383) TBPH (12% in 26862205067) Pb (.11% in 34983907395) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. 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

TE Part # 2316058-1  
CAGE ASSEMBLY, 1X4, QSFP28, SPRING, B

TE Part # 2316805-2  
CAGE ASSY, QSFP28 1X1, GASKET, HS

TE Part # 2316069-1  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

TE Part # 2294662-3  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, NO R P

TE Part # 2314233-1  
QSFP28, 1X3 CAGE ASSEMBLY, SPRING

TE Part # 2317181-1  
CAGE ASSY, QSFP28 1X1, SPRING, CLIP



TE Part # 2173482-2  
1xN QSFP28 Bhd Bzl Dbl LP, 57,69 Long



TE Part # 2170826-4  
CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS, LP



TE Part # 1-2170704-3  
CAGE ASSY, QSFP28 1X1, SPRING, CZ\_HS



TE Part # 2170708-2  
CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP

TE Part # 2306001-1  
STRADDLE MOUNT QSFP28, 1X2, RECEPTACLE



TE Part # 2173482-1  
1xN QSFP28 Bhd Bzl Dbl LP, 61,39 Long



TE Part # 2170739-2  
QSFP28, 1X3, CAGE ASSY, SPRING, LP



TE Part # 2170790-7  
CAGE ASSY, 1X4, QSFP28, SPRING, HS



TE Part # 2170737-9  
QSFP28, 1X3, CAGE ASSEMBLY, SPRING



TE Part # 2170827-1  
CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS, LP




TE Part # 2170827-2  
CAGE ASSEMBLY, 1X2, QSFP28,  
GASKET, HS, LP



TE Part # 2306205-1  
CAGE ASSY, QSFP28 1X1, GASKET,  
CZD HS



TE Part # 5-2289708-3  
QSFP28, 1X3, CAGE ASSY, SPRING,  
HS, SQLP

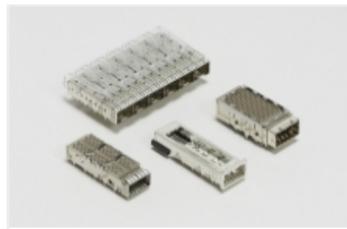


TE Part # 2306820-2  
QSFP28, 1X2, CAGE ASSY, SPRING,  
HS, C LP

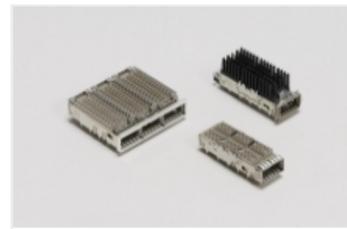
Also in the Series | **zQSFP+/QSFP28**



Pluggable I/O Cable Assemblies(78)



Pluggable IO Connectors & Cages(394)

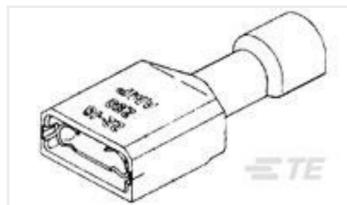


QSFP, QSFP+ & zQSFP+(394)

Customers Also Bought



TE Part #31886  
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #4-520448-2  
ULTRAFAST 250 ASSY REC 12-10  
TPBR LP



TE Part #640456-4  
04P MTA100 HDR ASSY F/L SQ STR



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



TE Part #2170088-1  
ZSFP+ Connector, 30u"



TE Part #2170704-1  
CAGE ASSY, QSFP28 1X1, SPRING, HS



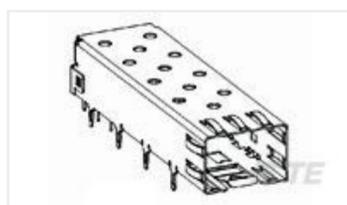
TE Part #2-2170705-1  
CAGE ASSY, QSFP28 1X1, SPRING,  
HS, LP



TE Part #2-2176329-5  
CRGP 1210 1K0 1%



TE Part #2-2176579-0  
RLC73N 2B R062 1% 1K RL



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



## Documents

### Product Drawings

[QSFP 25GIG 30AWG 3 METER](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-7\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-7\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-7\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English