



zQSFP+/QSFP28

TE Internal #: 2333393-3  
QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 25 Gb/s, Black  
Cable, Shielded, 30 AWG, .051 mm², Madison TurboTwin - Round Jacketed

[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**  
Number of Positions: **16**  
Cable Assembly Length: **1 m [ 3.28 ft ]**  
Data Rate: **25 Gb/s**  
Cable Color: **Black**

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

Features

Electrical Characteristics

Impedance	100 Ω
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Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	1 m[3.28 ft]
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant

Product Type Features

Cable Assembly Category	Industry Standard, High Speed
Cable Assembly Type	QSFP28
Cable Style	Madison TurboTwin - Round Jacketed
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 Plug



Configuration Features

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

Signal Characteristics

Data Rate	25 Gb/s
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Body Features

Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

Operation/Application

Shielded	Yes
Halogen Free	No

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	6.2 mm[.244 in]

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	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



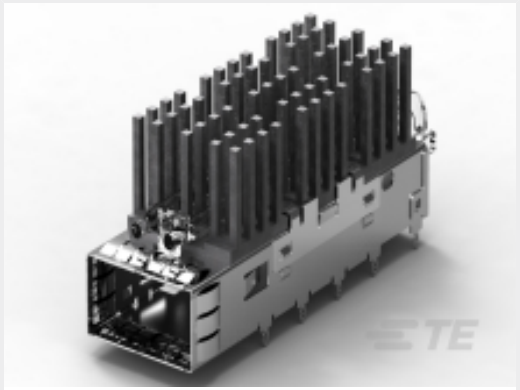






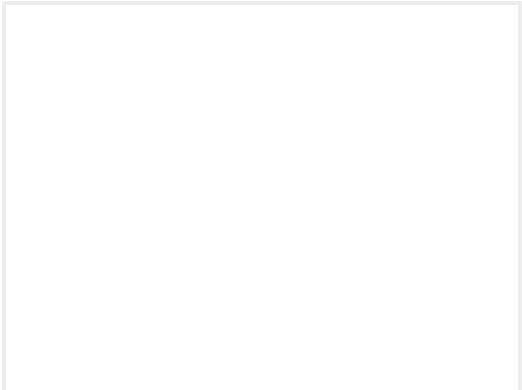
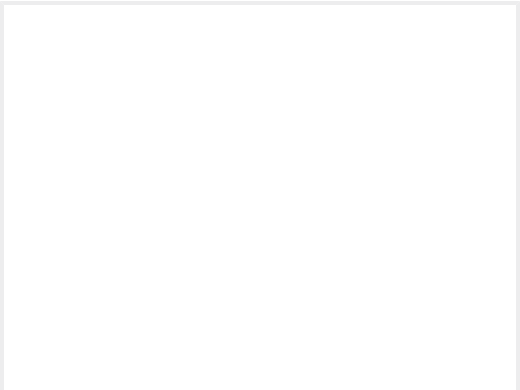

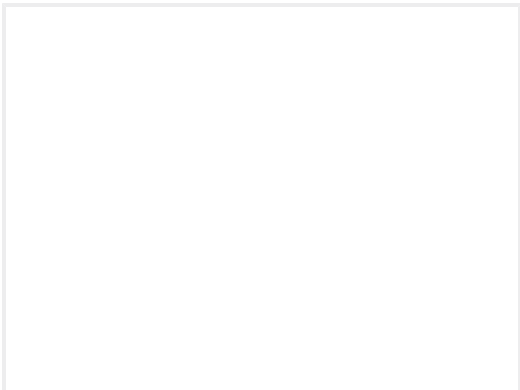



Product Compliance Disclaimer

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

 <p>TE Part # 2170793-2 CAGE ASSY, 1X4, QSFP28, 8LP</p>	 <p>TE Part # 2-2170740-6 QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP</p>	 <p>TE Part # 2-2170705-6 CAGE ASSY, QSFP28 1X1, SPRING, HS, LP</p>	 <p>TE Part # 2-2170740-1 QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP</p>
 <p>TE Part # 2-2170769-3 CAGE ASSY, QSFP28, 1X3, GASKET, HS, LP</p>	 <p>TE Part # 2-2170814-2 QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP</p>	 <p>TE Part # 2-2170705-2 CAGE ASSY, QSFP28 1X1, SPRING, HS, LP</p>	 <p>TE Part # 2227103-2 1X2 CAGE ASSY BHND BZL QSFP28</p>
 <p>TE Part # 2227249-3 1x4 Cage Assy Bhnd Bzl QSFP28</p>	 <p>TE Part # 2322344-1 CAGE ASSEMBLY, 1X2, QSFP28, SPRING,TRAY</p>	 <p>TE Part # 2306205-2 CAGE ASSY, QSFP28 1X1, GASKET, CZD HS</p>	 <p>TE Part # 2304807-2 CAGE ASSY, QSFP28 1X1, SPRING, HS</p>
 <p>TE Part # 2314176-1 CAGE ASSEMBLY, 1X4, QSFP28, SPRING</p>	 <p>TE Part # 2170708-6 CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP</p>	 <p>TE Part # 2170812-3 CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS</p>	 <p>TE Part # 2170754-6 CAGE ASSY, QSFP28 1X1, GASKET, HS, LP</p>



TE Part # 2170707-5  
CAGE ASSY, 1X6, QSFP28, SPRING, HS

TE Part # 2173482-7  
1xN QSFP28 Bhnd Bzl Dbl LP, 57,69 Long

TE Part # 2170704-3  
CAGE ASSY, QSFP28 1X1, SPRING, HS

TE Part # 2170785-3  
CAGE ASSY, 1X4, QSFP28, GASKET, HS, LP

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 #52928  
PIDG SPRSPD 22-16COM22-18MIL 5

TE Part #5-747908-2  
15 Plug Solder Cup, Gold Flash

TE Part #2170707-3  
CAGE ASSY, 1X6, QSFP28, SPRING, HS

TE Part #5557786-1  
MJ,8POS,R/A,SHLD,PCB GD

TE Part #2-84952-0  
1MM FPC HORZ.BTTM CONT.ASS.20P

TE Part #1734795-7  
MOD JACK,RJ45,8P8C,SHIELD, W /PANEL,30u"

TE Part #2333393-7  
QSFP 25GIG 30AWG 3 METER

TE Part #1-2127931-2  
C/A, SFP+, GENERIC, 1.0M

TE Part #1-2127931-4  
C/A, SFP+, GENERIC, 3.0M

TE Part #1-2159124-2  
C/A, SFP+, GENERIC, 1.0M





Documents

Product Drawings

QSFP 25GIG 30AWG 1 METER

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2333393-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2333393-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2333393-3\_A.3d\_stp.zip

English

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Product Specifications

Product Specification

English