



QSFP56

TE Internal #: 4-2333842-6
QSFP56 Cable Assembly, 16 Positions, 3 m [9.84 ft], 56 Gb/s, Black
Cable, Shielded, 26 AWG, .129 mm² Wire, QSFP56 Plug End A,
QSFP56 Plug End B, CL2

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56 to QSFP56 Cable Assembly: 26 AWG



Cable Assembly Type: **QSFP56**

Cable Assembly (End A): **QSFP56 Plug**

Cable Assembly (End B): **QSFP56 Plug**

Wire Size: **.129 mm²**

[All QSFP56 to QSFP56 Cable Assembly: 26 AWG \(6\)](#)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP56
Cable Assembly (End A)	QSFP56 Plug
Cable Assembly (End B)	QSFP56 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	56 Gb/s
-----------	---------



Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.129 mm²
Outside Cable Diameter	9.53 mm[.375 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	3 m[9.84 ft]
-----------------------	--------------

Product Compliance

For compliance documentation, visit the product page on TE.com>

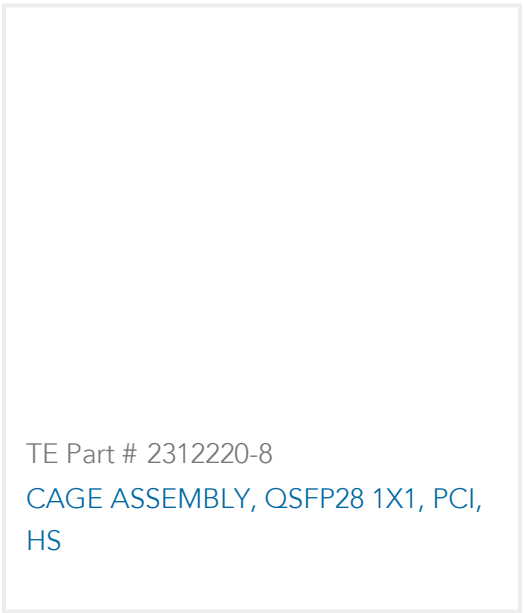
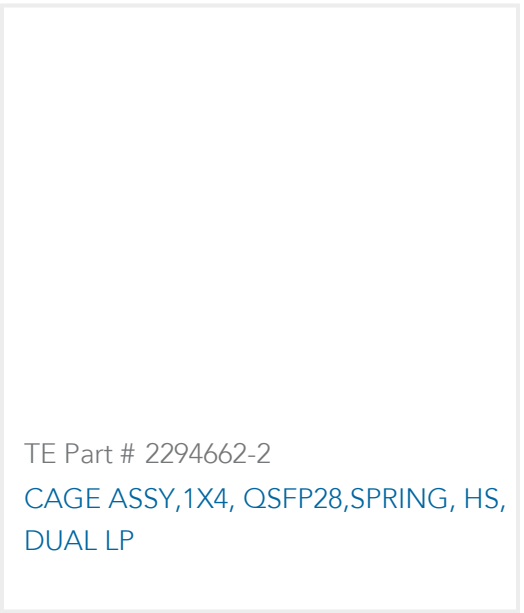
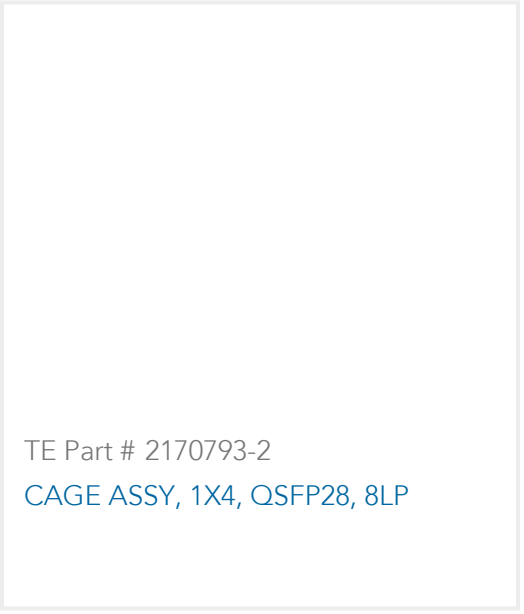
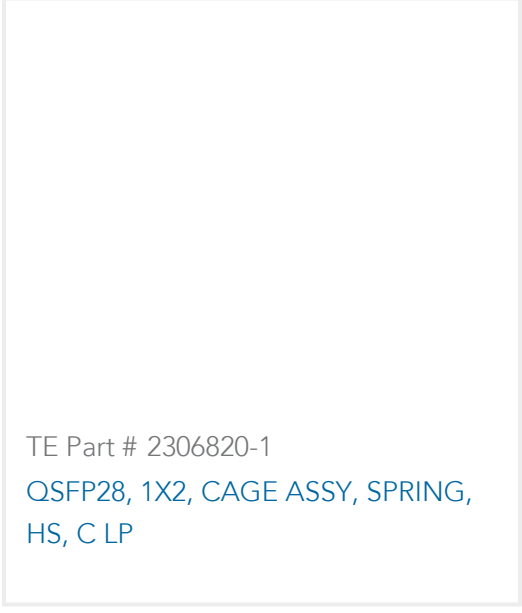
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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

 TE Part # 2173482-7 1xN QSFP28 Bhnd Bzl Dbl LP, 57,69 Long	 TE Part # 2312220-8 CAGE ASSEMBLY, QSFP28 1X1, PCI, HS	 TE Part # 2294662-2 CAGE ASSY,1X4, QSFP28,SPRING, HS, DUAL LP	 TE Part # 1-2170708-1 CAGE ASSY, 1X6, QSFP28, SPRING, CSHS, LP
 TE Part # 2170773-7 CAGE ASSY, QSFP28 1X1, SINGLE LP	 TE Part # 2170752-5 CAGE ASSEMBLY, QSFP28 1X1, GASKET	 TE Part # 2170793-2 CAGE ASSY, 1X4, QSFP28, 8LP	 TE Part # 2170826-5 CAGE ASSEMBLY, 1X2, QSFP28, SPRING,HS,LP
 TE Part # 2306820-1 QSFP28, 1X2, CAGE ASSY, SPRING, HS, C LP	 TE Part # 2301491-3 CAGE ASSY, QSFP28 1X1, SPRING, CSMID HS	 TE Part # 2227249-1 1x4 Cage Assy Bhnd Bzl QSFP28	 TE Part # 1-2170704-1 CAGE ASSY, QSFP28 1X1, SPRING, HS
 TE Part # 1551910-2 Housing for zQSFP+, 38 positions	 TE Part # 5-2170703-4 CAGE ASSEMBLY, QSFP28 1X1, SPRING	 TE Part # 2170706-4 CAGE ASSEMBLY, 1X6, QSFP28, SPRING	 TE Part # 2170708-6 CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP
 TE Part # 2170706-5 CAGE ASSEMBLY, 1X6, QSFP28, SPRING	 TE Part # 2170814-6 QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP	 TE Part # 4-2170814-6 QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP	 TE Part # 2322344-1 CAGE ASSEMBLY, 1X2, QSFP28, SPRING,TRAY

Also in the Series | **QSFP56**



[Pluggable I/O Cable Assemblies\(49\)](#)

Customers Also Bought



TE Part #ZPF000000000200092
[DMC-M 99-06 BN](#)



TE Part #3-1393250-0
[W28-XQ1A-15=W28-](#)



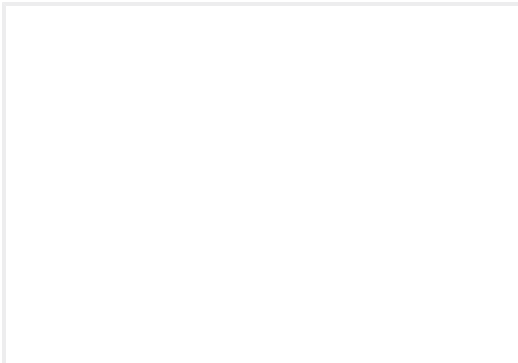
TE Part #4-2333393-1
[QSFP 56GIG 30AWG 0.5 METER](#)



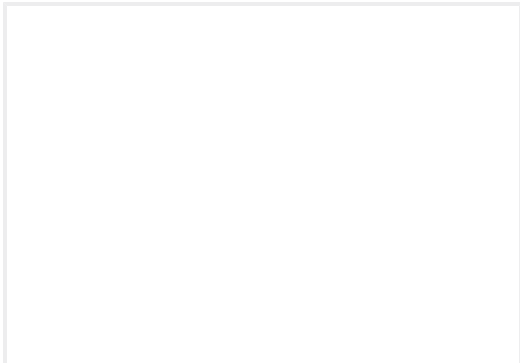
TE Part #4-2333841-5
[QSFP 56GIG 28AWG 2.5 METER](#)



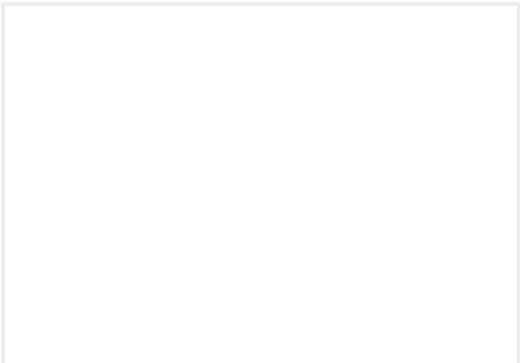
TE Part #4-2336313-2
[QSFP 56GIG 32AWG 1 METER](#)



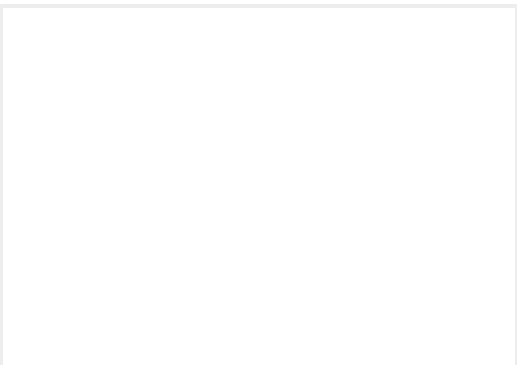
TE Part #2339207-3
[56 POSITION SLIVER ORTHOGONAL EDSFF 1*1](#)



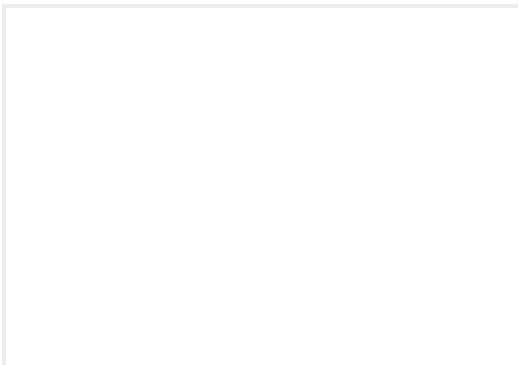
TE Part #2369938-5
[SLIM SAS 8X VT 100OHM](#)



TE Part #2-1618007-7
[AP50XB57=RELAY, VACUUM, SPST-NO](#)



TE Part #2204920-1
[2NDARY RCPT PWR VERT BLKHED MT,HF](#)



TE Part #2444185-3
[SZ4 PIN KIT, STACKED 2-POS RAPID LOCK](#)

Documents

Product Drawings

[QSFP 56GIG 26AWG 3 METER](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-2333842-6_A.2d_dxf.zip](#)

4-2333842-6

QSFP56 Cable Assembly, 16 Positions, 3 m [9.84 ft], 56 Gb/s, Black Cable, Shielded, 26 AWG, .129 mm² Wire, QSFP56 Plug End A, QSFP56 Plug End B, CL2



English

Customer View Model

[ENG_CVM_CVM_4-2333842-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2333842-6_A.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