



QSFP56

TE Internal #: 4-2333842-4
QSFP56 Cable Assembly, 16 Positions, 2 m [6.56 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**
Number of Positions: **16**
Cable Assembly Length: **2 m [6.56 ft]**
Data Rate: **56 Gb/s**
Cable Color: **Black**

[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 Style	Madison TurboTwin - Round Jacketed
Cable Assembly (End A)	QSFP56 Plug
Cable Assembly (End B)	QSFP56 Plug

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
Equalized	No
Cable Flammability Rating	CL2

Dimensions

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

Operation/Application

Shielded	Yes
Halogen Free	No

Other

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	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: JAN 2021 (211) 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 # 2170708-3

CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP



TE Part # 2306002-1

STRADDLE MOUNT QSFP28, 1X2, RECEPTACLE



TE Part # 2170739-4

QSFP28, 1X3, CAGE ASSY, SPRING, LP



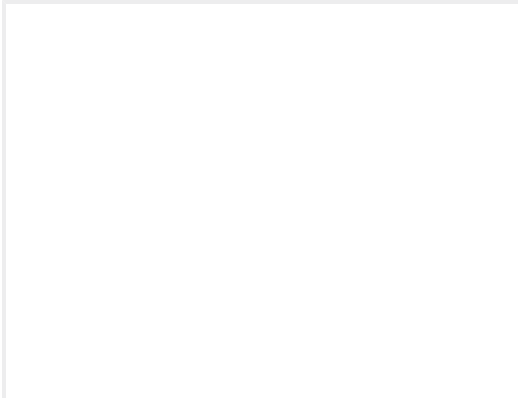
TE Part # 2170807-3

CAGE ASSY, 1X2, QSFP28, SPRING, QUAD LP



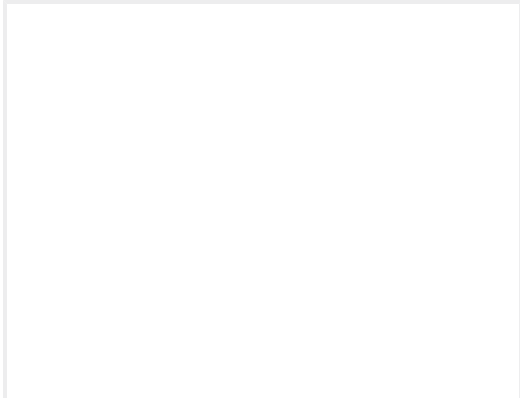
TE Part # 2-2170754-5

CAGE ASSY, QSFP28 1X1, GASKET, HS, LP



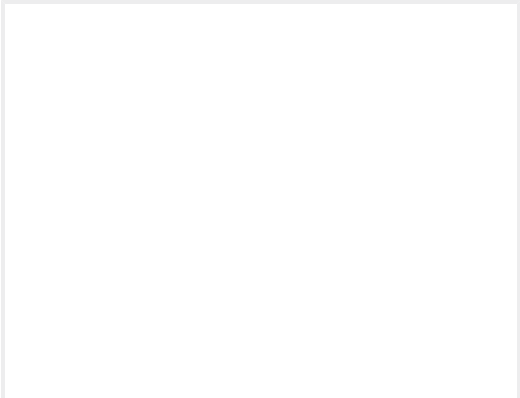
TE Part # 5-2170703-2

CAGE ASSEMBLY, QSFP28 1X1, SPRING



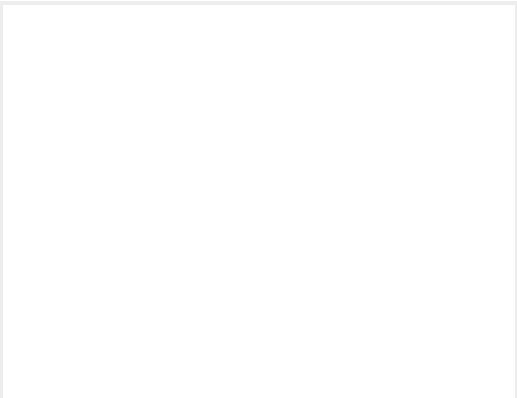
TE Part # 2314015-1

STRADDLE MOUNT QSFP28, 1X6, RECEPTACLE



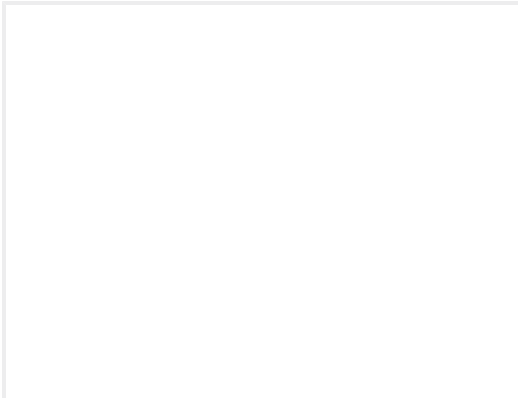
TE Part # 2314014-1

STRADDLE MOUNT QSFP28, 1X6, RECEPTACLE



TE Part # 1-2170740-2

QSFP28, 1X3, CAGE ASSY, SPRING, HS



TE Part # 2301472-6

CAGE ASSY, QSFP28 1X1, SPRING, CSMID HS



TE Part # 2-2170814-3

QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 2170812-2

CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS



TE Part # 2170811-5

CAGE ASSEMBLY, 1X2, QSFP28, GASKET



TE Part # 2170812-4

CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS



TE Part # 4-2170814-4

QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 2170790-6

CAGE ASSY, 1X4, QSFP28, SPRING, HS



TE Part # 2170739-3
QSFP28, 1X3, CAGE ASSY, SPRING, LP

TE Part # 2274085-1
Cage Assy 1x1 Behind Bezel Gasket QSFP28

TE Part # 1-2170704-2
CAGE ASSY, QSFP28 1X1, SPRING, HS

TE Part # 6-2170705-1
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP

Also in the Series | QSFP56

Pluggable I/O Cable Assemblies(49)

Customers Also Bought

TE Part #2821988-1
DD-2_QSFP56, 28AWG 8PR, 1.0M

TE Part #4-2333842-6
QSFP 56GIG 26AWG 3 METER

TE Part #4-2333393-5
QSFP 56GIG 30AWG 2 METER

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2333842-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2333842-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2333842-4_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