



QSFP56

TE Internal #: 4-2334236-4

QSFP56 to SFP+ Cable Assembly, 16 Positions, 2 m [6.56 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP56 Plug End A, SFP+ Plug End B

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56-Four SFP56 Cable Assembly: 30 AWG



Cable Assembly Type: **QSFP56 to SFP+**

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

Cable Assembly (End B): **SFP+ Plug**

Wire Size: **.051 mm²**

[All QSFP56-Four SFP56 Cable Assembly: 30 AWG \(4\)](#)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP56 to SFP+
Cable Assembly (End A)	QSFP56 Plug
Cable Assembly (End B)	SFP+ 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	56 Gb/s
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Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.051 mm ²
Outside Cable Diameter	4.37 mm[.172 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	2 m[6.56 ft]
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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: TBPH (15% in 23312351700) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383) Pb (.11% in 34983907395) Article Safe Usage Statements: 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 applicable for solder process capability

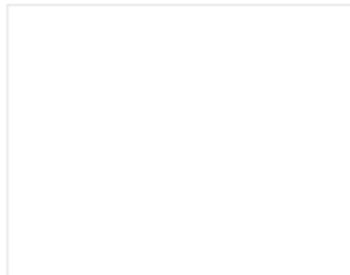
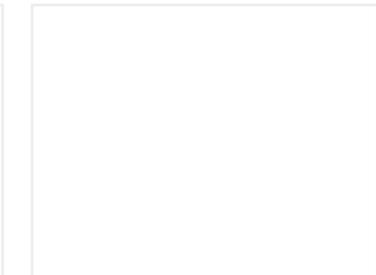
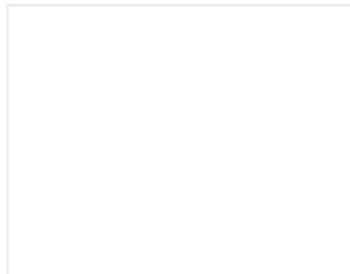
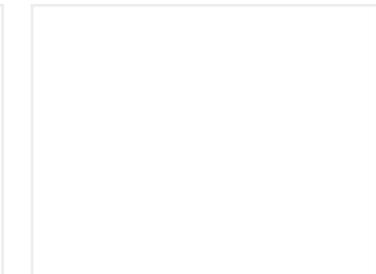
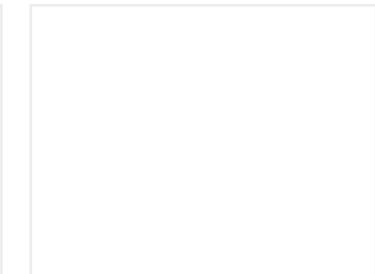
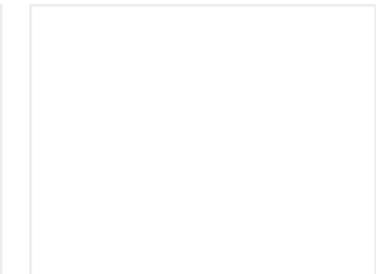
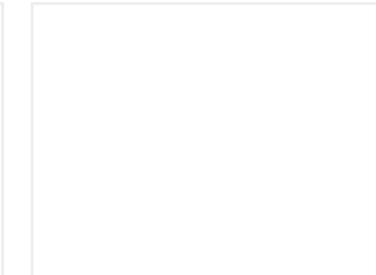
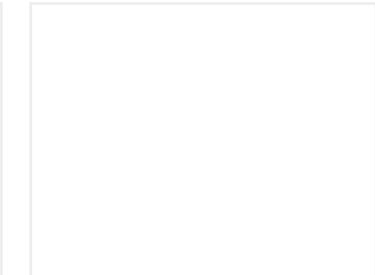
Product Compliance Disclaimer

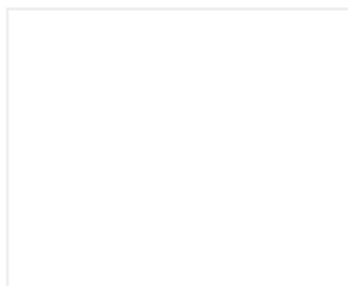
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as



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

 <p>TE Part # 3-2198346-2 zSFP+ STACKED 2X8 RECEPTACLE ASSEMBLY</p>	 <p>TE Part # 2316058-1 CAGE ASSEMBLY, 1X4, QSFP28, SPRING, B</p>	 <p>TE Part # 2292736-1 SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>	 <p>TE Part # 2057070-1 SFP+ Enhanced 1x2 Cage Assembly</p>
 <p>TE Part # 2316805-2 CAGE ASSY, QSFP28 1X1, GASKET, HS</p>	 <p>TE Part # 2316069-1 CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP</p>	 <p>TE Part # 2007428-5 SFP+ 1X1 CAGE WO SPRING, PCI, SOLDER</p>	 <p>TE Part # 2294662-3 CAGE ASSY,1X4, QSFP28,SPRING, HS, NO R P</p>
 <p>TE Part # 2294667-3 SFP+ 1X1 CAGE ASSEMBLY, SOLDER TAIL</p>	 <p>TE Part # 2-2198339-1 zSFP+ STACKED 2X6 RECEPTACLE ASSEMBLY</p>	 <p>TE Part # 2314233-1 QSFP28, 1X3 CAGE ASSEMBLY, SPRING</p>	 <p>TE Part # 2291672-2 SFP+ 1X1 CAGE ASSEMBLY, LIGHT PIPE</p>
 <p>TE Part # 2304369-1 SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>	 <p>TE Part # 2291669-1 SFP+ 1X1 CAGE ASSEMBLY,W/ LIGHT PIPE</p>	 <p>TE Part # 2291634-5 SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>	 <p>TE Part # 2317181-1 CAGE ASSY, QSFP28 1X1, SPRING, CLIP</p>

TE Part # 2303337-1
SFP+ 1X2 CAGE ASSEMBLY, 2.5MM SOLDER TYP



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

Also in the Series | QSFP56



Pluggable I/O Cable Assemblies(49)

Customers Also Bought



TE Part #EM7499-000
X4-0.8-0-SP-SM



TE Part #1981584-1
MICRO USB, TYPE A/B, GRAY



TE Part #CAT-C339-R529C
Thick Film Resistor: Current Sense



TE Part #4-2334236-2
QSFP TO [4]SFP 56GIG 30AWG 1 METER



TE Part #4-2334878-6
QSFP TO [4]SFP 56GIG 26AWG 3 METER

Documents

Product Drawings

[QSFP TO \[4\]SFP 56GIG 30AWG 2 METER](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_4-2334236-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2334236-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2334236-4_A.3d_stp.zip](#)

English

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Product Specifications

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