



**QSFP56**

TE Internal #: 4-2334878-6

QSFP56 to SFP+ Cable Assembly, 16 Positions, 3 m [9.84 ft], 56 Gb/s, Black Cable, Shielded, 26 AWG, .129 mm<sup>2</sup> 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: 26 AWG



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

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

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

Wire Size: **.129 mm<sup>2</sup>**

[All QSFP56-Four SFP56 Cable Assembly: 26 AWG \(6\)](#)

**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	.129 mm <sup>2</sup>
Outside Cable Diameter	5.96 mm[.235 in]

### Operation/Application

Shielded	Yes
Halogen Free	No

### Other

Cable Assembly Length	3 m[9.84 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	Not 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) Pb (.3% in 10660264730) <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 # 2007464-8  
SFP+ 1x1 Cage Assy, PF,with Heatsink

TE Part # 2198243-6  
SFP+ ENHANCED 1X4, LP,WO HEAT SINK

TE Part # 2318872-1  
SFP+ 1x4 Cage Assy, Extended H

TE Part # 2319064-1  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

TE Part # 2324719-2  
SFP+ 1X1 CAGE ASSEMBLY, PCI, HS



TE Part # 2007464-7  
SFP+ 1x1 Cage Assy, PF,with Heatsink



TE Part # 1-2170704-4  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2274086-1  
Cage Assy 1x2 Behind Bezel Gasket QSFP28



TE Part # 1-2170790-3  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part # 2170753-6  
CAGE ASSY, QSFP28 1X1, GASKET, HS



TE Part # 2170752-4  
CAGE ASSEMBLY, QSFP28 1X1, GASKET

TE Part # 2294662-4  
CAGE ASSY,1X4, QSFP28,SPRING, HS, DUAL LP

TE Part # 2305965-1  
zSFP+ STACKED 2X4 RECEPTACLE ASSEMBLY

TE Part # 2291634-9  
SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK



TE Part # 2057112-1  
SFP+ Enhanced 1x2 Cage Assembly w /LP

TE Part # 2315453-1  
ZSFP+ 1X8 CAGE ASSEMBLY, PRESS-FIT,LP



## Also in the Series | QSFP56



## Customers Also Bought





## Documents

### Product Drawings

[QSFP TO \[4\]SFP 56GIG 26AWG 3 METER](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334878-6\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334878-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334878-6\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English