



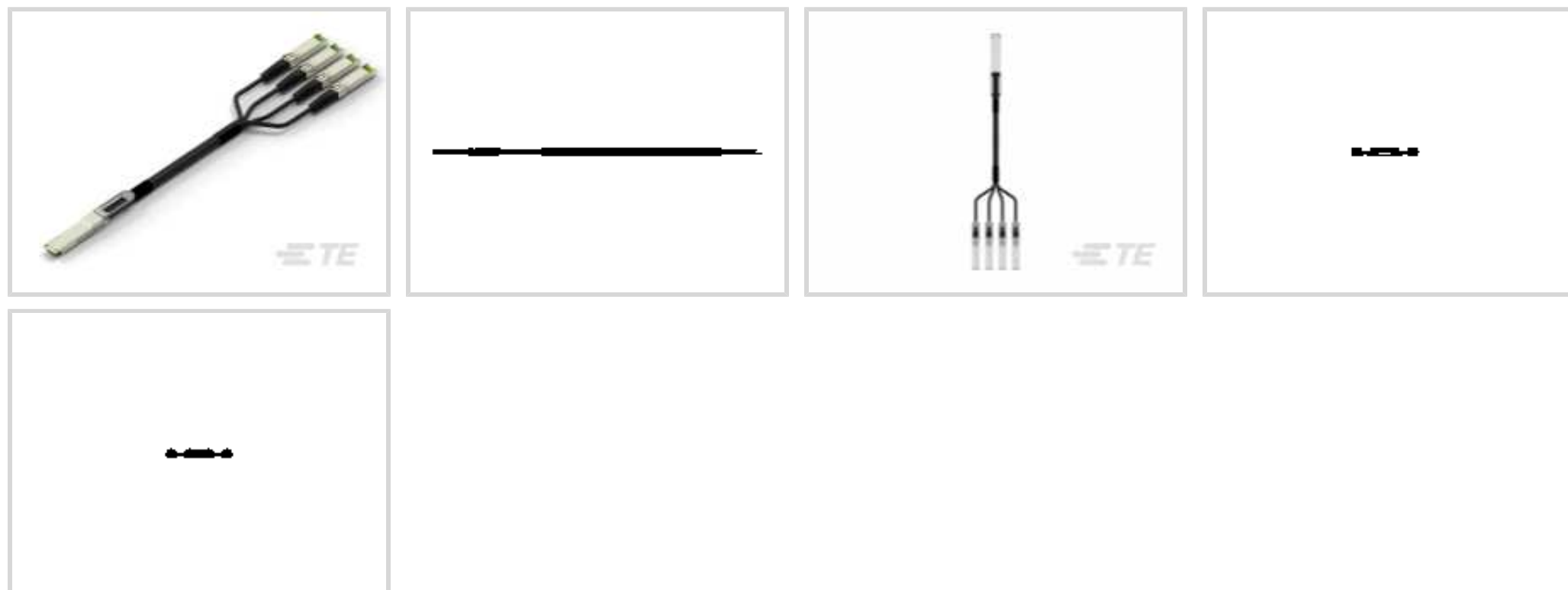
**QSFP56**

TE Internal #: 4-2334236-4

QSFP56 to SFP+ Cable Assembly, 16 Positions, 6.56 ft [2 m], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm<sup>2</sup>, Madison TurboTwin - Round Jacketed

[View on TE.com >](#)

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



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

Equalized: **No**

Wire Size: **.051 mm<sup>2</sup>**

Outside Cable Diameter: **4.37 mm [ .172 in ]**

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

**Features**

**Product Type Features**

Product Type	Cable Assembly
Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP56 to SFP+
Connector Type (End A)	QSFP56 Plug
Connector Type (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

Equalized	No
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Cable Color	Black
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Cable Flammability Rating	CL2
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### Dimensions

Wire Size	.051 mm <sup>2</sup>
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Outside Cable Diameter	4.37 mm[.172 in]
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### Operation/Application

Shielded	Yes
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Halogen Free	No
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### 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
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2023 (233)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC &gt; Threshold:</p> <p>MCCP (1.8% in Component part)</p> <p><b>Article Safe Usage Statements:</b>  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.</p>
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # CAT-Z8-P6507  
zSFP+ Stacked Cage Assembly: Gasket



TE Part # CAT-SF59-C117ST123  
SFP+ Stacked Cage Assemblies



TE Part # CAT-Z8-P650632  
zSFP+ Cage Assembly: EMI Springs



TE Part # CAT-Z8-P650796  
zSFP+ Stacked Cage Assembly: EMI Spring



TE Part # 2170705-7  
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP



TE Part # 2170752-2  
CAGE ASSEMBLY, QSFP28 1X1, GASKET



TE Part # 2-2170747-2  
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part # 2007135-1  
SFP+ 1x4 CageAssembly w/ EMI gasket



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



TE Part # 2227103-2  
1X2 CAGE ASSY BHND BZL QSFP28




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



TE Part # 2007180-1  
SFP+ 1X2 CAGE ASSM/LIGHTPIPE, EMI GASKET



TE Part # 2227103-1  
1X2 CAGE ASSY BHND BZL QSFP28



TE Part # 2007254-1  
SFP+ 1x1 Cage Assembly, Light Pipe



TE Part # 2198230-2  
SFP+ Enhanced 1x2, SAN Heatsink



TE Part # 2198230-1  
SFP+ Enhanced 1x2, PCI Heatsink



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



TE Part # 2170704-5  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2170030-1  
SFP+ 1x4 w/ Ultra Low Profile LP



TE Part # 2007194-2  
SFP+ 1x1 Cage Assembly, PCI, Solder Tail

### Also in the Series | QSFP56



Pluggable I/O Cable Assemblies(54)

### Customers Also Bought



TE Part #2176050-8  
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



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



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

### 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**

[Product Specification](#)

English

[Product Specification](#)

English