

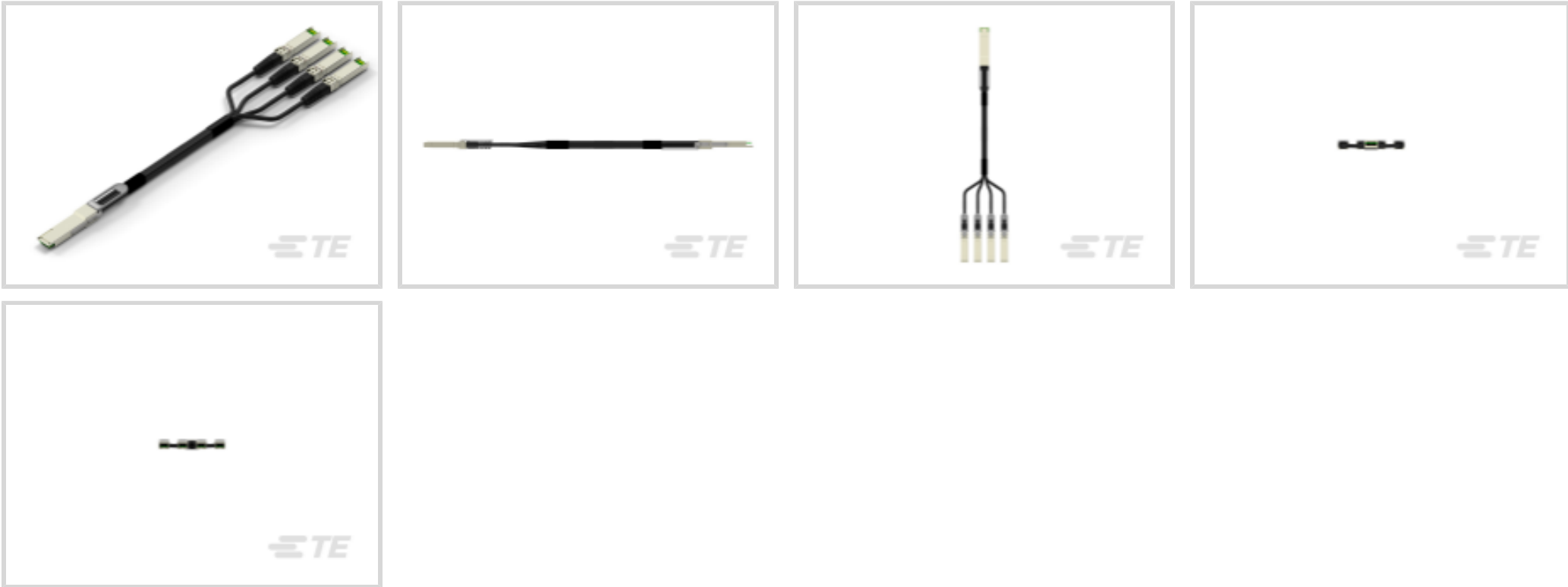


QSFP56

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 mm², 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 mm²**

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

[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+
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
-----------	-------

Signal Characteristics

Data Rate	56 Gb/s
-----------	---------



Body Features

Equalized	No
Cable Color	Black
Cable Flammability Rating	CL2

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	4.37 mm[.172 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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: MCCP (1.8% in Component part) Article Safe Usage Statements: 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

 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 # CAT-Z8-P65063 zSFP+ Cage Assembly: Elastomeric Gasket	 TE Part # 2170745-2 CAGE ASSY, 1X4, QSFP28, SPRING, HS	 TE Part # 2170705-7 CAGE ASSY, QSFP28 1X1, SPRING, HS, LP	 TE Part # 2007250-1 SFP+ 1x6 Cage Assembly with Light Pipes
 TE Part # 2170747-6 CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP	 TE Part # 2170806-5 CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS	 TE Part # 2-2170747-2 CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP	 TE Part # 2170806-1 CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS
 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 # 2284170-1
SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FI

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

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

Also in the Series

QSFP56

Pluggable I/O Cable Assemblies(49)

Customers Also Bought

TE Part # 2176050-8
Thick Film Resistor: Current Sense

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

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English