



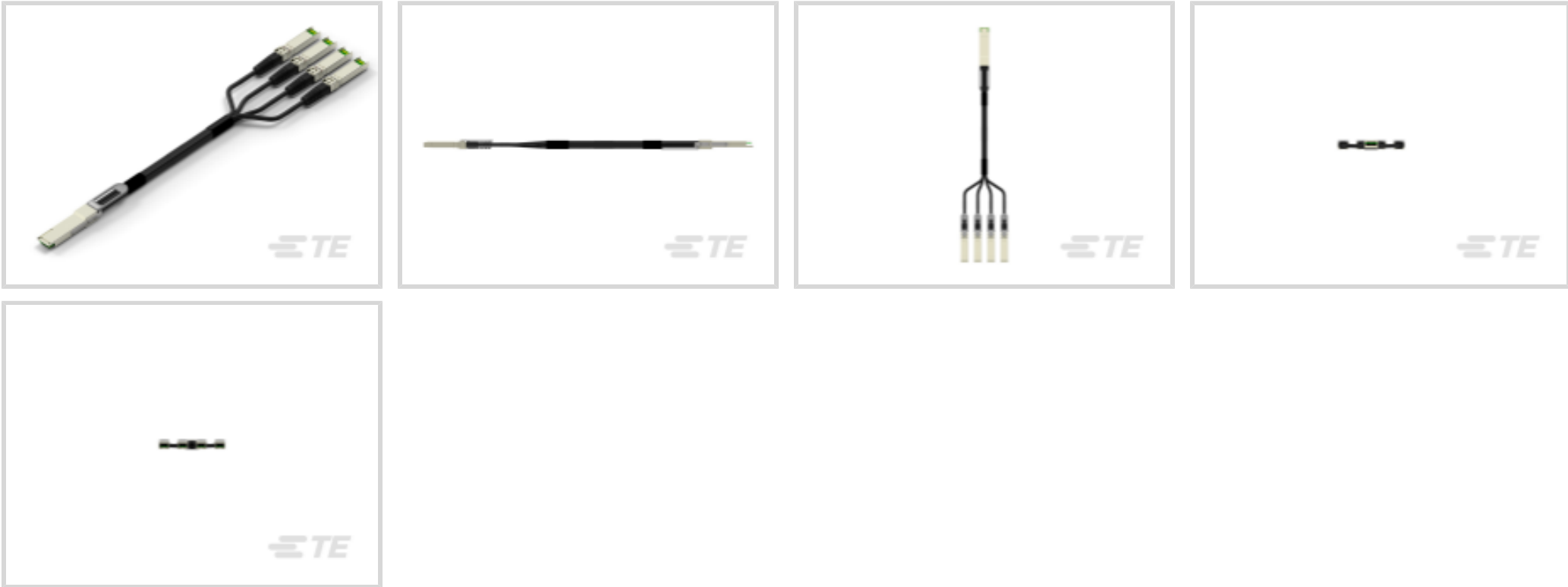
QSFP56

TE Internal #: 4-2334236-2

QSFP56 to SFP+ Cable Assembly, 16 Positions, 1 m [3.28 ft], 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+**
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 mm²
Outside Cable Diameter	4.37 mm[.172 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	1 m[3.28 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) 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 # 2170705-7 CAGE ASSY, QSFP28 1X1, SPRING, HS, LP	 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 # 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



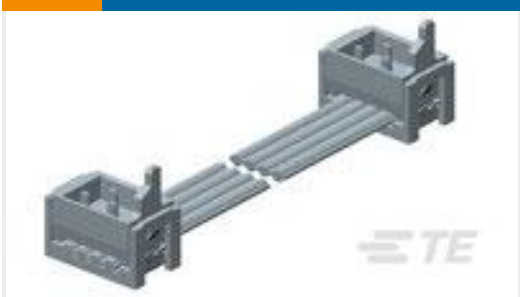
TE Part # 2170704-5
CAGE ASSY, QSFP28 1X1, SPRING, HS

Also in the Series | QSFP56

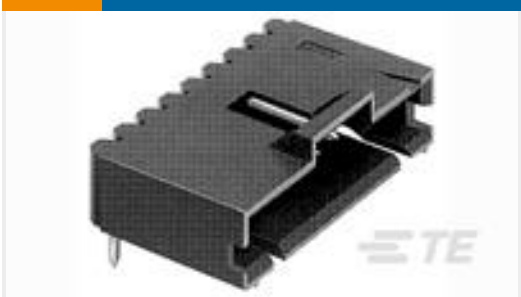


Pluggable I/O Cable Assemblies(49)

Customers Also Bought



TE Part #2205064-3
CA MICRO-MATCH MOW-MOW 12POS



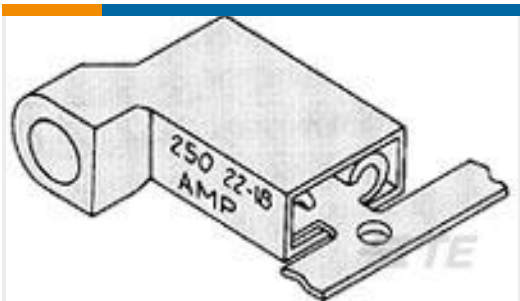
TE Part #5-103635-7
08 MTE HDR SRRA LTCH.100CL LF



TE Part #350211-1
04P CMNL HDR ASSY PC



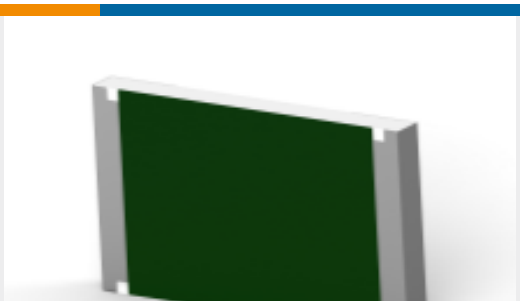
TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU



TE Part #3-520132-2
ULTRAFast 250 ASSY FLAG REC 16-14 TPBR



TE Part #2-2176403-5
3550 10R 1%



TE Part #2-2176406-5
3560 10R 1%



TE Part #2336568-1
RECEPT ASSY, RA, 168 POS, SLIVER 2.0



TE Part #CSI-SGFI-100-UFFR
SMA to U.FL/MHF1 100mm 1.13 OD



TE Part #CSI-SGFI-200-UFFR
SMA to U.FL/MHF1 200mm 1.13 OD



Documents

Product Drawings

QSFP TO [4]SFP 56GIG 30AWG 1 METER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2334236-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2334236-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2334236-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English