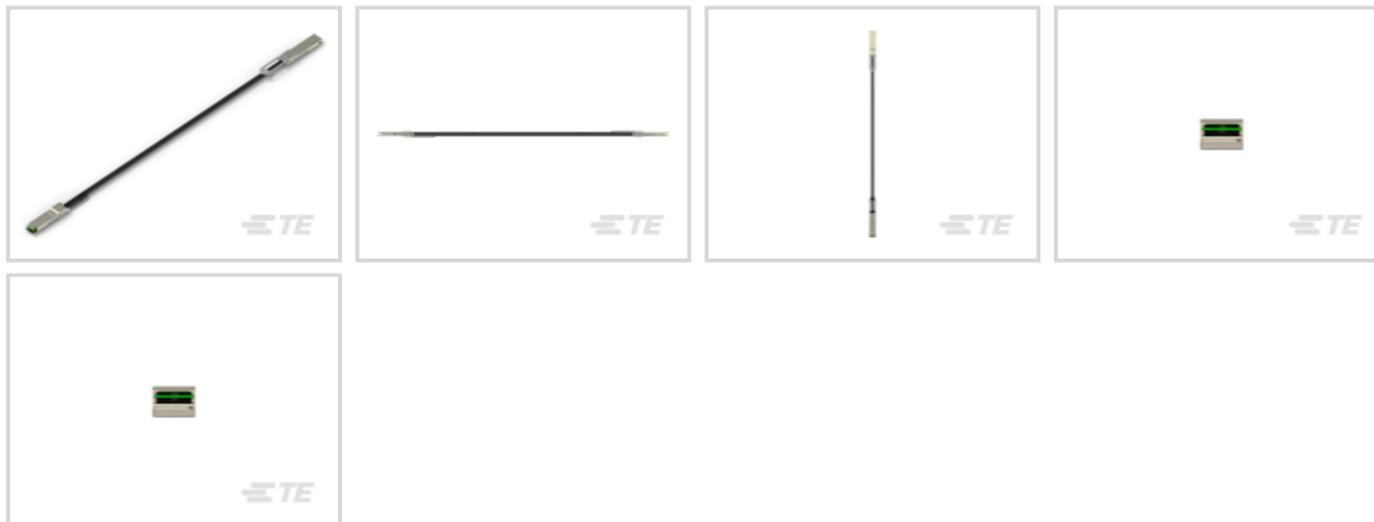# 4-2333393-3 ✓ ACTIVE

QSFP56

TE Internal #: 4-2333393-3

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

View on TE.com >

Cable Assembly Type: **QSFP28 to QSFP28**

Cable Assembly (End A):   **QSFP28 Plug**

Cable Assembly (End B):   **QSFP28 Plug**

Wire Size: **.051 mm²**

All QSFP56 to QSFP56 Cable Assembly: 30 AWG (4)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP28 to QSFP28
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 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

4-2333393-3

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	6.2 mm[.244 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	1 m[3.28 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	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 (12% in 26862205067) Pb (.11% in 34983907395) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383) 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 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

4-2333393-3

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable,
Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

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

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 # 2311786-1
CAGE ASSY, QSFP28 1X1, GASKET, HS, LP

TE Part # 2170826-6
CAGE ASSEMBLY, 1X2, QSFP28, SPRING,HS,LP

TE Part # 2312220-2
CAGE ASSEMBLY, QSFP28 1X1, PCI, SPRING

TE Part # 2312220-1
CAGE ASSEMBLY, QSFP28 1X1, PCI, SPRING

TE Part # 1-2170790-2
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

TE Part # 2170807-4
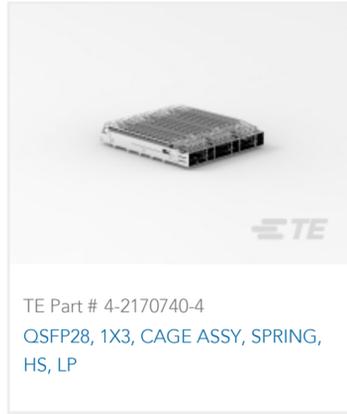CAGE ASSY, 1X2, QSFP28, SPRING, QUAD LP

TE Part # 2-2170814-4
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP

TE Part # 2173482-3
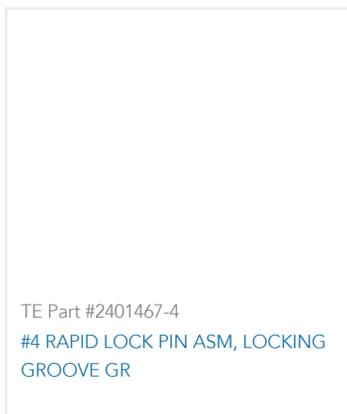1xN QSFP28 Bhnd Bzl Dbl LP, 58,49 Long

TE Part # 2170827-4
CAGE ASSEMBLY, 1X2, QSFP28, GASKET,HS,LP

4-2333393-3

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

TE Part # 2170807-1
CAGE ASSY, 1X2, QSFP28, SPRING, DUAL LP

TE Part # 1-2170704-0
CAGE ASSY, QSFP28 1X1, SPRING, HS

TE Part # 2170708-5
CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP

TE Part # 4-2170740-4
QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP

Also in the Series | QSFP56

Pluggable I/O Cable Assemblies(49)

Customers Also Bought

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

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

TE Part #2227728-1
zSFP+ 1x2 Cage Assy, Press-Fit

TE Part #4-2333393-5
QSFP 56GIG 30AWG 2 METER

TE Part #1-2333799-0
RCPT ASSY, VERT,168 POS,SLIVER 2.0

TE Part #1-2339207-0
56 POSITION SLIVER ORTHOGONAL EDSFF 1*1

TE Part #2360871-2
56 POSITION SLIVER ORTHOGONAL EDSFF 1*1

TE Part #1-2823207-0
10P,2MM,PL,SRVT,SMD,0.76AU,TR W/CAP

TE Part #3-2342933-1
QSFP-DD 1X1, STANDARD, W/EXTRUDED HS

TE Part #2401467-4
#4 RAPID LOCK PIN ASM, LOCKING GROOVE GR

4-2333393-3

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

Documents

Product Drawings

QSFP 56GIG 30AWG 1 METER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2333393-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2333393-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2333393-3_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