



Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies



Cable Assembly Type: **Mini-SAS HD**

Number of Positions: **16**

Cable Assembly Length: **3 m [9.842 ft]**

Data Rate: **6 Gb/s**

Cable Color: **Black**

Features

Product Type Features

Latching Style	Pull Tab Release
Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	Mini-SAS HD
Cable Style	Madison TurboTwin, Madison TurboTwin - Round Jacketed
Cable Assembly (End A)	Mini-SAS HD Plug
Cable Assembly (End B)	Mini-SAS HD Plug

Configuration Features

Number of Positions	16
Number of Pairs	8
Number of Signal Positions	16

Signal Characteristics

Data Rate	6 Gb/s
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Body Features

Jacket Material	Flexible PVC
Shield Material	Aluminum/Polyester/Aluminum Tape/Tin-Plated Copper Braid
Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

Contact Features



Contact Mating Area Plating Material	Gold (Au)
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Mechanical Attachment

Mating Alignment	Without
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Housing Features

Housing Material	Tin-Plated Zinc Diecast
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Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	5.46 mm[.215 in]

Operation/Application

Shielded	Yes
Halogen Free	Yes

Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	3 m[9.842 ft]

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUN 2011 (51) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

TE Part #5-2176347-7
CRGCQ 2010 470K 1%

TE Part #CAT-C11-Q17
QSFP56 to QSFP56 Cable Assembly:
26 AWG

TE Part #4-2176363-9
RQ 0402 1K37 0.1% 10PPM 5K RL

TE Part #1-6450820-5
MBXLE VERT HDR 6P20S

TE Part #1-1986711-8
SCREWLESS, SW,18P,5.0 PCB

TE Part #60006-1
250 FASTON TAB 18-14 AWG BR

TE Part #4-2334878-4
QSFP TO [4]SFP 56GIG 26AWG 2
METER

TE Part #3-1879692-2
H8 21R 0.1% 100PPM

TE Part #2176049-4
RLP73M 1E R068 1% 1K RL

Documents

Product Drawings
C/A, 4X MINISAS HD, 30AWG PASSIVE, 3M
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2202503-4_C.2d_dxf.zip

2202503-4

C/A, 4X MINISAS HD, 30AWG PASSIVE, 3M



English

Customer View Model

[ENG_CVM_CVM_2202503-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2202503-4_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[7-1773461-9_MINI_SAS_HD_INTERCONNECT](#)

English