

2202503-4 ✓ ACTIVE

TE Internal #: 2202503-4

Pluggable I/O Cable Assemblies, Mini-SAS HD, 30 AWG Wire Size, .051 mm² Wire Size, .215 in [5.46 mm] Diameter, Shielded, Length 9.842 ft [3 m]

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



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

Equalized: **No**

Wire Size: **.051 mm²**

Outside Cable Diameter: **5.46 mm [.215 in]**

Features

Product Type Features

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

Configuration Features

Configuration	Double-Ended
Number of Positions	16
Number of Pairs	8
Number of Power Positions	0
Number of Signal Positions	16

Signal Characteristics

Data Rate	6 Gb/s
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Body Features

Release Type	Pull Tab
Shield Material	Aluminum/Polyester/Aluminum Tape/Tin-



	Plated Copper Braid
Jacket Material	Flexible PVC
Equalized	No
Cable Color	Black
Cable Flammability Rating	CL2

Contact Features

Contact Mating Area Plating Material	Gold
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Mechanical Attachment

Jackscrew	Without
Mating Alignment	Without

Housing Features

Housing Material	Tin-Plated Zinc Diecast
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Dimensions

Wire Size	.051 mm ²
Outside Cable Diameter	5.46 mm [.215 in]

Operation/Application

Shielded	Yes
Halogen Free	Yes

Industry Standards

IEEE 1394	No
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Other

CLOUDSPLITTER	No
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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2022 (224) Candidate List Declared Against: JUN 2011 (51)



SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Yet Reviewed for halogen content
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.

Compatible Parts



TE Part # 2202503-2
C/A, 4X MINISAS HD, 30AWG
PASSIVE, 1M

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](#)

English

Customer View Model

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

English

Customer View Model

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

English

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[Datasheets & Catalog Pages](#)

[7-1773461-9_MINI_SAS_HD_INTERCONNECT](#)

English