



TE Internal #: 2202508-4  
 Pluggable I/O Cable Assemblies, Mini-SAS HD to External Mini-SAS, 28 AWG Wire Size, .081 mm<sup>2</sup> Wire Size, .31 in [7.87 mm] Diameter, Shielded

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



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

Equalized: **No**

Wire Size: **.081 mm<sup>2</sup>**

Outside Cable Diameter: **7.87 mm [.31 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 to External Mini-SAS
Connector Type (End A)	Mini-SAS HD Plug
Connector Type (End B)	External Mini-SAS 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 Tape/Tin-Plated Copper Braid
Jacket Material	Flexible PVC
Equalized	No
Cable Color	Black

### 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	.081 mm <sup>2</sup>
Outside Cable Diameter	7.87 mm [.31 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 [9.84 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: 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 # 2202508-2  
C/A, 4X MINISAS HD TO MINISAS,  
28AWG, 1M

## Documents

## Product Drawings

C/A, 4X MINISAS HD TO MINISAS, 28AWG, 3M

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_2202508-4\_D.2d\_dxf.zip

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_2202508-4\\_D.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2202508-4\\_D.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