



TE Internal #: 2202508-4  
 Mini-SAS HD to External Mini-SAS Cable Assembly, 16 Positions,  
 9.84 ft [3 m], 6 Gb/s, Black Cable, Shielded, 28 AWG, .081 mm<sup>2</sup>

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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
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

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

Shield Material	Aluminum/Polyester Tape/Tin-Plated Copper Braid
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Jacket Material	Flexible PVC
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Equalized	No
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Cable Color	Black
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### Contact Features

Contact Mating Area Plating Material	Gold
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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	.081 mm <sup>2</sup>
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Outside Cable Diameter	7.87 mm[.31 in]
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### Operation/Application

Shielded	Yes
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Halogen Free	Yes
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### Other

Cable Assembly Configuration	Double Ended
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Cable Assembly Length	3 m[9.84 ft]
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUN 2011 (51) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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

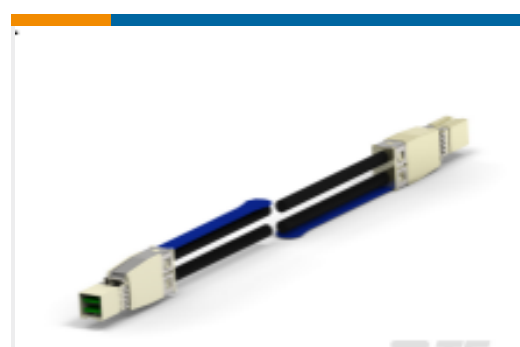


TE Part # 2202508-2  
C/A, 4X MINISAS HD TO MINISAS,  
28AWG, 1M

## Customers Also Bought



TE Part # 2-2337815-2  
MINISAS HD TO MINISAS HD,30AWG,  
1M



TE Part # 2-2337815-3  
MINISAS HD TO MINISAS HD,30AWG,  
2M

## 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

2202508-4

Mini-SAS HD to External Mini-SAS Cable Assembly, 16 Positions, 9.84 ft [3 m], 6 Gb/s,  
Black Cable, Shielded, 28 AWG, .081 mm<sup>2</sup>



[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