



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



Cable Assembly Type: **INDUSTRIAL MINI I/O**

Equalized: **Yes**

Wire Size: **.129 mm<sup>2</sup>**

Outside Cable Diameter: **6.2 mm [ .244 in ]**

## Features

### Product Type Features

Latching Style	Slide Latch
Twisted Pairs	Yes
Performance Category	Category 5E Performance for 10/100 /1000BASE-T
Product Type	Cable Assembly
Product Designation	Patch Cord
Cable Assembly Category	Industry Standard
Cable Assembly Type	INDUSTRIAL MINI I/O
Connector Type (End A)	INDUSTRIAL MINI I/O Plug
Connector Type (End B)	INDUSTRIAL MINI I/O Plug

### Configuration Features

Configuration	Double-Ended
Number of Positions	8
Number of Signal Positions	8

### Electrical Characteristics

Impedance	100 Ω
-----------	-------

### Signal Characteristics

Data Rate	1 Gb/s
-----------	--------

### Body Features

Shield Material	Copper Alloy
-----------------	--------------



Jacket Material	TPE
Equalized	Yes
Cable Color	Black
Cable Flammability Rating	UL 444

### Contact Features

Contact Mating Area Plating Thickness	.5 $\mu\text{m}$ , 19.68 $\mu\text{in}$
Contact Mating Area Plating Material	Gold

### Mechanical Attachment

Jackscrew	Without
-----------	---------

### Housing Features

Housing Material	Thermoplastic
------------------	---------------

### Dimensions

Wire Size	.129 mm <sup>2</sup>
Outside Cable Diameter	6.2 mm[.244 in]

### Operation/Application

Shielded	Yes
Halogen Free	Yes

### Industry Standards

IEEE 1394	No
-----------	----

### Other

CLOUDSPLITTER	No
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	Not Yet Reviewed
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: JAN 2017 (173) 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.

### Customers Also Bought



TE Part #4-2333842-4  
QSFP56 to QSFP56 Cable Assembly:  
26 AWG



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



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



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



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



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



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



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

### Documents

[Product Drawings](#)  
[CA MINI IO MINI IO TYPE II](#)

English

[Product Specifications](#)  
[Application Specification](#)

English

