

2-2205133-4 ✓ ACTIVE

TE Internal #: 2-2205133-4

RJ45 to INDUSTRIAL MINI I/O Cable Assembly, 8 Positions, 9.84 ft [3 m], 1 Gb/s, Black Cable, Equalized, Shielded, 26 AWG, .129 mm², Twisted Pair

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



Cable Assembly Type: **RJ45 to INDUSTRIAL MINI I/O**

Equalized: **Yes**

Wire Size: **.129 mm²**

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

Features

Product Type Features

| | |
|-------------------------|-----------------------------|
| Latching Style | Slide Latch |
| Cable Assembly Category | Industry Standard |
| Cable Assembly Type | RJ45 to INDUSTRIAL MINI I/O |
| Connector Type (End A) | RJ45 Plug |
| Connector Type (End B) | INDUSTRIAL MINI I/O Plug |
| Cable Style | Twisted Pair |

Configuration Features

| | |
|----------------------------|---|
| 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 | PUR |
| Equalized | Yes |
| Cable Color | Black |



| | |
|---------------------------|--------|
| Cable Flammability Rating | UL 444 |
|---------------------------|--------|

Contact Features

| | |
|--|------------------|
| Contact Mating Area Plating Material Thickness | 19.68 µm[.5 µin] |
| Contact Mating Area Plating Material | Gold |

Housing Features

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

Dimensions

| | |
|------------------------|----------------------|
| Wire Size | .129 mm ² |
| Outside Cable Diameter | 6.2 mm[.244 in] |

Operation/Application

| | |
|--------------|-----|
| Shielded | Yes |
| Halogen Free | Yes |

Industry Standards

| | |
|----------------------|--------|
| Performance Category | Cat 5e |
|----------------------|--------|

Other

| | |
|------------------------------|--------------|
| Cable Assembly Configuration | Double Ended |
| 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 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC |
| 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-IN291-M6641
Mini I/O Cable Conn. Piercing D1



TE Part # 2201864-1
MINI I/O REC KIT TYPE I L



TE Part # 1903527-1
IE RJ45 CONNECTOR IP20 8POS 180DEG



TE Part # 2229737-2
MINI I/O PIERCING TYPE HAND TOOL 180DEG

Customers Also Bought



TE Part #167293-1
15P.HDP20 PLUG ASSY



TE Part #167292-1
09P.HDP20 PLUG ASSY



TE Part #1534807-1
HD20 COVER KIT 15P



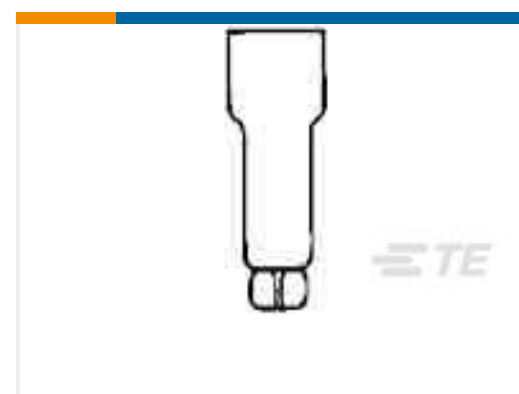
TE Part #5787422-1
HDR ASY,RA,RKEY,STR TAIL,12.0V



TE Part #4-1393483-8
V42254A1115C215=SUB D STIFTLI



TE Part #6116202-1
MJ,TE,8P,COMPL.PIN,CAT5,PC



TE Part #55843-1
SPLICE,CE 22-14



TE Part #2-1614884-6
CPF 0805 24R 0.1% 25PPM 1K RL



TE Part #5767044-4
MICTOR,R/A,RECPT,.062,152,ASY



TE Part #2015357-4
C/A, UMCC/UMCC, 1.37 OD CABLE, 200MM LON



Documents

Product Drawings

[CA MINI IO TYPE I IND RJ45](#)

English

Product Specifications

[Application Specification](#)

English