



TE Internal #: 2-2205133-1  
RJ45 to INDUSTRIAL MINI I/O Cable Assembly, 8 Positions, .5 m [1.64 ft], 1 Gb/s, Black Cable, Equalized, Shielded, 26 AWG, .129 mm<sup>2</sup>, Twisted Pair  
[View on TE.com >](#)

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



Cable Assembly Type: **RJ45 to INDUSTRIAL MINI I/O**  
Cable Assembly (End A): **RJ45 Plug**  
Cable Assembly (End B): **INDUSTRIAL MINI I/O Plug**  
Wire Size: **.129 mm<sup>2</sup>**

Features

Product Type Features

|                         |                             |
|-------------------------|-----------------------------|
| Latching Style          | Slide Latch                 |
| Cable Assembly Category | Industry Standard           |
| Cable Assembly Type     | RJ45 to INDUSTRIAL MINI I/O |
| Cable Assembly (End A)  | RJ45 Plug                   |
| Cable Assembly (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          |
| Cable Color               | Black        |
| Cable Flammability Rating | UL 444       |



|           |     |
|-----------|-----|
| Equalized | Yes |
|-----------|-----|

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 mm²        |
| 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        | .5 m[1.64 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 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>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>

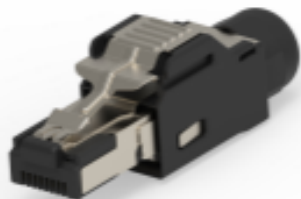
Compatible Parts



TE Part # 2201855-2  
MINI I/O PLUG KIT TYPE I M



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



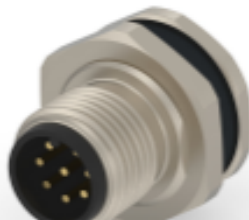
TE Part #1-2201855-1  
MINI I/O PLUG KIT TYPE II L



TE Part #EM7082-000  
THA-PDKG-11



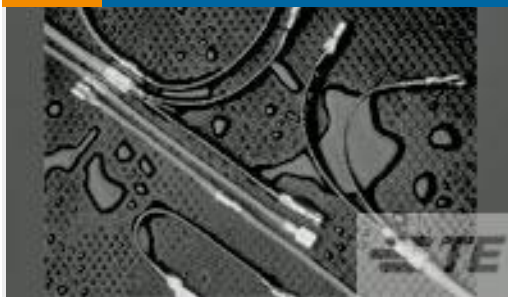
TE Part #T4130012081-000  
M12,REAR MOUNT,MALE, A,8P, SOLDER WIRE



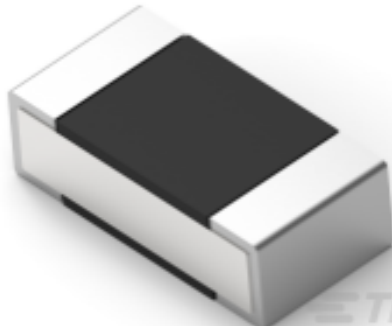
TE Part #T4171020008-001  
M12,REAR MOUNT,MALE, A, 8P, 0.2M WIRE



TE Part #650085-000  
D-436-61



TE Part #138601-000  
B-106-1401



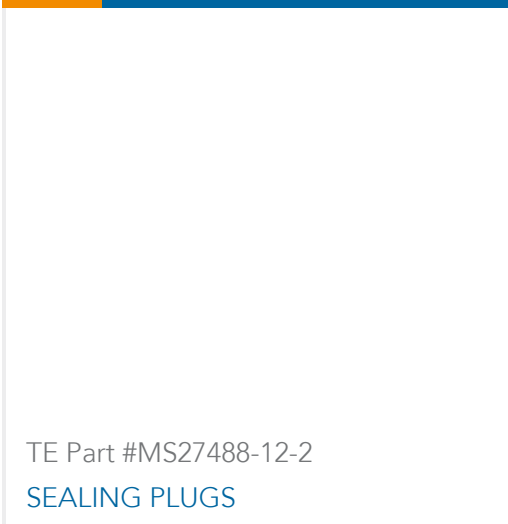
TE Part #2176308-9  
RP 1E 0.1W 162K 0.1% 25PPM 5K RL



TE Part #YDTS20W11-35PAV001  
RECP ASSY



TE Part #6-2176455-5  
CPF 0402 511K 0.1% 25ppm 1K RL



TE Part #MS27488-12-2  
SEALING PLUGS



Documents

Product Drawings

CA MINI IO TYPE I IND RJ45

English

Product Specifications

Application Specification

English