



Wire & Cable > Hook Up Wire



Cable Type: **Spec 100G**

Operating Voltage: **750 V, 1300 V**

Wire & Cable Insulation Material: **Halogen-Free Polymer**

Conductor Material: **Tin-Plated Copper**

Wire Size: **24 AWG**

Features

Product Type Features

|             |         |
|-------------|---------|
| Cable Style | Primary |
|-------------|---------|

Configuration Features

|                      |    |
|----------------------|----|
| Number of Conductors | 1  |
| Number of Strands    | 19 |

Electrical Characteristics

|                   |               |
|-------------------|---------------|
| Operating Voltage | 750 V, 1300 V |
|-------------------|---------------|

Body Features

|                                  |                      |
|----------------------------------|----------------------|
| Wire & Cable Insulation Material | Halogen-Free Polymer |
| Conductor Material               | Tin-Plated Copper    |
| Wire Color (Base)                | Black                |

Dimensions

|                            |                              |
|----------------------------|------------------------------|
| Cable Insulation Thickness | .2 mm                        |
| Outside Cable Diameter     | 1.14 mm[.045 in]             |
| Conductor Diameter Range   | .55 – .63 mm[.022 – .025 in] |
| Strand Size                | 36 AWG                       |
| Wire Size                  | .25 mm <sup>2</sup>          |

Usage Conditions

|  |
|--|
|  |
|--|



|                             |              |
|-----------------------------|--------------|
| Cable Type                  | Spec 100G    |
| Operating Temperature Range | -55 – 125 °C |

Other

|                |    |
|----------------|----|
| Product Source | UK |
|----------------|----|

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                               | Out of Scope - excluded from Halogen requirements                                                                              |
| 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 # 650074-000  
D-436-36

Customers Also Bought



TE Part #747840-6  
09 MSFL PLUG RA 318 (SL,FM,BL)

TE Part #2-292173-3  
CT BOX HDR H SMT 3P O/TAPE BLA

TE Part #292175-2  
CT BOX HDR V SMT 2P O/TAPE NAT

TE Part #5821997-3  
72 ME .050 VERT AU M/L PB-FREE

TE Part #1-1879214-9  
CPF 0402 499R 0.1% 25PPM 1K RL

TE Part #1-1734248-4  
1.0 FPC, ZIF V/T, SMT, 14P

TE Part #2842126-5  
10P,2MM,BRK HDR,DRVT,2.8,0.1AU,TB

TE Part #1410186-2  
MULTIGIG RT T2 .8" BP HALF LEFT

Documents

Product Drawings  
100G0111-0.25-0

English

Datasheets & Catalog Pages  
1654025\_Sec9\_Zerohal100G

English