



Wire & Cable > Primary Wire > Single Wire, Thin Wall, EN50306-2



Cable Type: **Primary Wire**

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

Conductor Material: **Tin Plated Copper**

Outside Cable Diameter: **2.68 mm [ .106 in ]**

Wire Size: **13 AWG**

[All Single Wire, Thin Wall, EN50306-2 \(0\)](#)

Features

Body Features

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

Dimensions

|                        |                  |
|------------------------|------------------|
| Outside Cable Diameter | 2.68 mm[.106 in] |
| Wire Size              | 2.5 mm²          |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Cable Type                  | Primary Wire |
| Operating Temperature Range | -40 – 120 °C |

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Method   | Spool  |
| Packaging Quantity | 1000 m |

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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                      |

Product Compliance Disclaimer

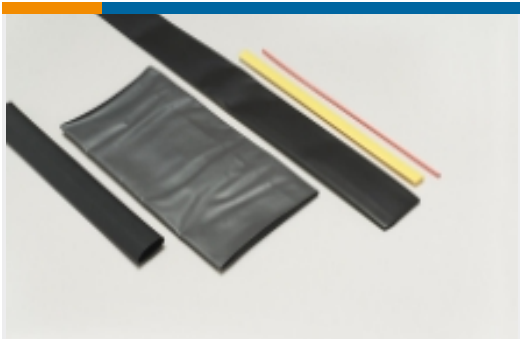
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-R2137-Z612I  
Single Wire, Thin Wall, RL0111

Also in the Series | RAYCHEM ZH-100



Heat Shrink Tubing(16)



## Customers Also Bought

TE Part #1676153-2  
RN 0805 10K 0.1% 10PPM 1KRL

TE Part #3-1879208-7  
CPF 0402 330R 0.1% 25PPM 1K RL

TE Part #1-2176349-7  
CRGCQ 2512 220R 1%

TE Part #1-2176349-8  
CRGCQ 2512 270R 1%

TE Part #2-2176349-2  
CRGCQ 2512 560R 1%

## Documents

Product Drawings  
EN50306-2-RAIL-2.50  
English

Datasheets & Catalog Pages  
WTDS004 EN 50306 WIRE AND CABLE  
English  
WTDS-024 Current Capacity of TE Connectivity Rail Signal Wire Products  
English