



Wire & Cable > Hook Up Wire



Cable Type: **FlexLite HT**  
Voltage Rating: **600 V**  
Wire & Cable Insulation Material: **Radiation-Crosslinked, Modified ETFE**  
Conductor Material: **Tin-Plated Copper**  
Wire Size: **16 AWG**

Features

Product Type Features

|                        |                   |
|------------------------|-------------------|
| Product Type           | Wire              |
| Product Classification | Wire - Commercial |
| Cable Style            | Primary, Stranded |

Configuration Features

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

Electrical Characteristics

|                  |                       |
|------------------|-----------------------|
| Resistance (Max) | 4.82 Ω/1000 ft @ 68°F |
| Voltage Rating   | 600 V                 |

Body Features

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Weight                           | 12.05 kg/km                          |
| Wire & Cable Insulation Material | Radiation-Crosslinked, Modified ETFE |
| Conductor Material               | Tin-Plated Copper                    |
| Wire Color (Base)                | Black                                |

Dimensions

|                          |                  |
|--------------------------|------------------|
| Wire Diameter            | 1.71 mm[.068 in] |
| Overall Outside Diameter | 1.91 mm[.075 in] |



|                                |                                |
|--------------------------------|--------------------------------|
| Overall Outside Diameter Range | 1.67 – 1.76 mm[.066 – .069 in] |
|                                | 16 AWG                         |
| Conductor Diameter             | 1.33 mm[.053 in]               |
| Cable Insulation Thickness     | .15 mm[.006 in]                |
| Strand Size                    | 29 AWG                         |
| Wire Size                      | 1.31 mm²                       |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Cable Type                  | FlexLite HT  |
| Operating Temperature Range | -65 – 200 °C |

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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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



Documents

Product Drawings

FLHTC0311-16-0

English

Datasheets & Catalog Pages

1654025\_Sec9\_FlexLite

English

Product Specifications

Product Specification

English