



Raychem

TE Internal #: 1742513003

Hook Up Wire, FlexLite HT, 600V Voltage Rating, Black Wire Color, 18AWG Wire Size, 1mm<sup>2</sup> Wire Size, Operating Temperature Range -55 – 200 °C

[View on TE.com >](#)

Wire & Cable > Hook Up Wire



Cable Type: **FlexLite HT**

Voltage Rating: **600 V**

Wire Color: **Black**

Insulation Material: **Radiation-Crosslinked, Modified ETFE**

Conductor Material: **Tin-Plated Copper**

## Features

### Product Type Features

Product Type	Wire
Product Classification	Wire - Commercial
Cable Style	Primary, Stranded
Cable Type	FlexLite HT

### Configuration Features

Number of Conductors	1
Number of Strands	19

### Electrical Characteristics

Resistance (Max)	20 Ω/1000 ft @ 68°F
Voltage Rating	600 V

### Body Features

Weight	9.85 kg/km
Wire Color	Black
Insulation Material	Radiation-Crosslinked, Modified ETFE
Conductor Material	Tin-Plated Copper

### Dimensions

Conductor Size	1 mm <sup>2</sup>
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Wire Diameter	1.62 mm[.064 in]
Conductor Diameter Range	1.17 – 1.26 mm[.046 – .05 in]
Overall Outside Diameter	1.62 mm[.064 in]
Overall Outside Diameter Range	1.58 – 1.66 mm[.062 – .065 in]
Conductor Diameter	1.215 mm[.048 in]
Cable Insulation Thickness	.178 mm[.007 in]
Strand Size	30 AWG
Wire Size	1 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 200 °C
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### 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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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

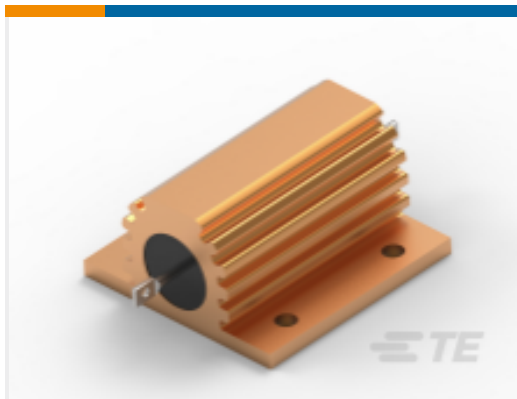
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Model / Part # 650075-000  
D-436-37

## Customers Also Bought



TE Model / Part #6-1625963-7  
Power Resistor: Aluminum Housed,  
HSA



TE Model / Part #5-1415535-1  
PE034024



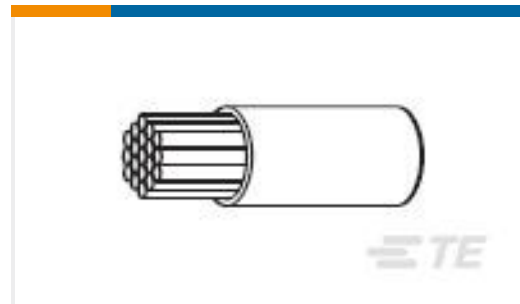
TE Model / Part #1-2176244-7  
CRGS0805 5% 22R



TE Model / Part #2176215-1  
CPF A 0402 49R9 0.1% 25PPM 1K RL



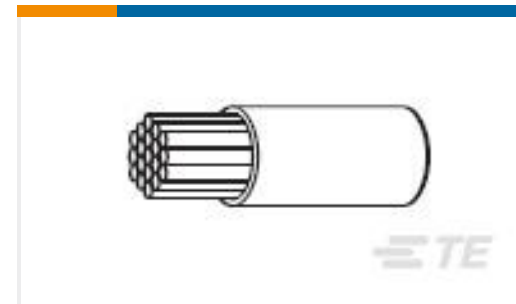
TE Model / Part #1625873-8  
RS CFR25 RESISTOR KIT



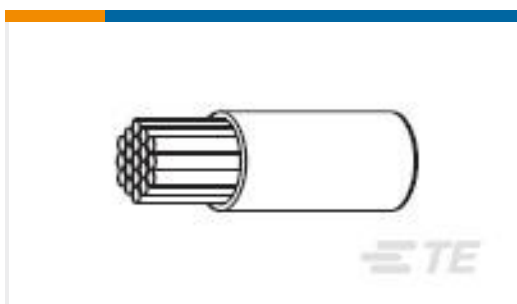
TE Model / Part #5773073002  
FLHTC0311-1.00-4



TE Model / Part #CH6880-000  
RAYGEL-PLUS-1



TE Model / Part #5474213003  
FLHTC0311-1.00-2



TE Model / Part #7286093002  
FLHTC0311-1.00-6



TE Model / Part #4-1622796-7  
YR1 0.1% 113K

## Documents

### Product Drawings

[FLHTC0311-1.00-0](#)

English

### Datasheets & Catalog Pages

[1654025\\_Sec9\\_FlexLite](#)

English

[Wire and Cable Overview](#)

English

FLHTC0311-1.00-0

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