



RAYCHEM

TE Internal #: 000413-000

Hook Up Wire, FlexLite HT, 600V Voltage Rating, Tin-Coated Copper, 18 AWG Wire Size, .82 mm<sup>2</sup> Wire Size, Operating Temperature Range -65 – 200 °C

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Wire & Cable > Hook Up Wire



Cable Type: **FlexLite HT**

Voltage Rating: **600 V**

Wire & Cable Insulation Material: **Radiation-Crosslinked, Modified ETFE**

Conductor Material: **Tin-Coated Copper**

Wire Size: **18 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)	6.22 Ω/1000 ft @ 68°F
Voltage Rating	600 V

**Body Features**

Weight	9.45 kg/km
Wire & Cable Insulation Material	Radiation-Crosslinked, Modified ETFE
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Yellow

**Dimensions**

Wire Diameter	1.52 mm[.06 in]
Overall Outside Diameter	1.52 mm[.06 in]



Overall Outside Diameter Range	1.48 – 1.57 mm [.058 – .062 in]
	18 AWG
Conductor Diameter	1.18 mm [.047 in]
Cable Insulation Thickness	.15 mm [.006 in]
Strand Size	30 AWG
Wire Size	.82 mm <sup>2</sup>

**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) Candidate List Declared Against: JUNE 2022 (224) 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 # 650075-000  
D-436-37

## Documents

### Product Drawings

[FLHTC0311-18-4](#)

English

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Product Specification](#)

English