



Raychem

TE Internal #: 831273-000

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

[View on TE.com >](#)

Wire & Cable > Hook Up Wire



Cable Type: **FlexLite HT**

Voltage Rating: **600 V**

Wire Color: **Red**

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)	6.22 Ω/1000 ft @ 68°F
Voltage Rating	600 V

### Body Features

Weight	9.45 kg/km
Wire Color	Red
Insulation Material	Radiation-Crosslinked, Modified ETFE
Conductor Material	Tin-Plated Copper

### Dimensions

Wire Diameter	1.52 mm[.06 in]
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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	.152 mm[.006 in]
Strand Size	30 AWG
Wire Size	.82 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-65 – 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 #2298136-2  
DEUTSCH DT HOUSINGS



TE Model / Part #2500034-3  
SRC Female Conduit Cover



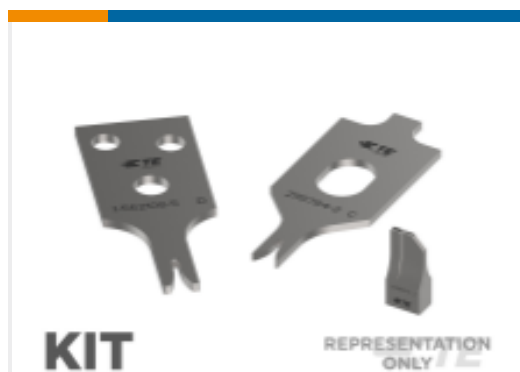
TE Model / Part #YHDP26-24-31PEL024  
PLG, 31P, BLK, E, WTHD, 16, P



TE Model / Part #2150524-2  
OCEAN\_2.0\_APPLICATOR-E-210F3000



TE Model / Part #318113-000  
55A1131-20-9/93/96-9



TE Model / Part #7-2150524-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-210F3000



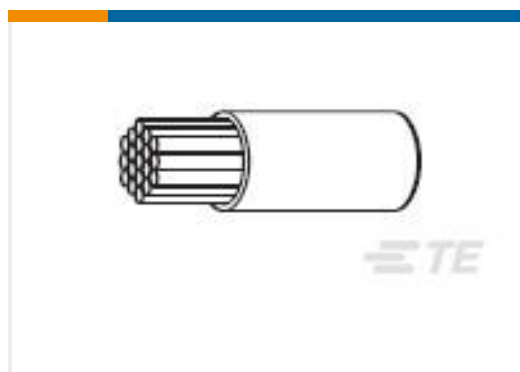
TE Model / Part #91390-2  
PRO-C DIE ASSY 1MM SYS.



TE Model / Part #203795-000  
FLHTC0311-16-1



TE Model / Part #CP0388-000  
FLHTC0311-18-3



TE Model / Part #636170-000  
FLHTC0311-18-6

## Documents

### Product Drawings

[FLHTC0311-18-2](#)

English

### Datasheets & Catalog Pages

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

English

[Wire and Cable Overview](#)

English



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**Product Specifications**

**Product Specification**

English