



RAYCHEM

TE Internal #: 7097393002

Hook Up Wire, FlexLite DW, 600V Voltage Rating, Tin-Plated Copper, 18 AWG Wire Size, .82 mm² Wire Size, Operating Temperature Range -65 – 125 °C

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Wire & Cable > Hook Up Wire



Cable Type: **FlexLite DW**

Voltage Rating: **600 V**

Wire & Cable Insulation Material: **Radiation-Crosslinked, Polyalkene**

Conductor Material: **Tin-Plated 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)	20.4 Ω/1000 ft @ 68°F
Voltage Rating	600 V

Body Features

Weight	11.46 kg/km
Wire & Cable Insulation Material	Radiation-Crosslinked, Polyalkene
Conductor Material	Tin-Plated Copper
Wire Color (Base)	Blue

Dimensions

Wire Diameter	1.85 mm[.073 in]
Overall Outside Diameter	1.93 mm[.076 in]



Overall Outside Diameter Range	1.78 – 1.93 mm [.07 – .076 in]
	18 AWG
Conductor Diameter	1.18 mm [.047 in]
Cable Insulation Thickness	.13 mm [.005 in]
Strand Size	30 AWG
Wire Size	.82 mm ²

Usage Conditions

Cable Type	FlexLite DW
Operating Temperature Range	-65 – 125 °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

[FLDWC0311-18-6](#)

English

Datasheets & Catalog Pages

[1654025_Sec9_FlexLite](#)

English