



**RAYCHEM**

TE Internal #: 4516513001

Hook Up Wire, Spec 100G, 750/1300V Voltage Rating, Tin-Plated Copper, 15 AWG Wire Size, 1.5 mm<sup>2</sup> Wire Size, Operating Temperature Range -55 – 125 °C

[View on TE.com >](#)

Wire & Cable > Hook Up Wire



Cable Type: **Spec 100G**

Voltage Rating: **750/1300 V**

Wire & Cable Insulation Material: **Halogen-Free Polymer**

Conductor Material: **Tin-Plated Copper**

Wire Size: **15 AWG**

**Features**

**Product Type Features**

Cable Style	Primary
Product Type	Cable
Product Classification	Cable - Spec 99 & 100

**Configuration Features**

Number of Conductors	1
Number of Strands	37

**Electrical Characteristics**

Voltage Rating	750/1300 V
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**Body Features**

Wire & Cable Insulation Material	Halogen-Free Polymer
Conductor Material	Tin-Plated Copper
Wire Color (Base)	Red

**Dimensions**

Overall Outside Diameter	2.1 mm[.083 in]
Wire Diameter	2.1 mm[.083 in]
Conductor Diameter	1.52 mm[.06 in]
Cable Insulation Thickness	.2 mm



Strand Size	37 AWG
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Wire Size	1.5 mm <sup>2</sup>
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### Usage Conditions

Cable Type	Spec 100G
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Operating Temperature Range	-55 – 125 °C
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### Other

Wire Source	United Kingdom
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Out of Scope - excluded from Halogen requirements
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Solder Process Capability	Not applicable for solder process capability
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#### 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

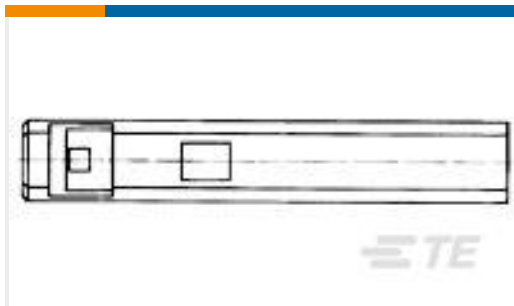


TE Part # 650076-000  
D-436-38

## Customers Also Bought



TE Part #DTMH04-4PA  
REC, 4P, BLK, N, HI TEMP, A



TE Part #926657-6  
LOCKING CLIP HSG



TE Part #1571300-2  
TACT,RTANG,SMT,SEALED,GUID PIN



TE Part #350760-4  
03P UMNL HDR ASSY PC



TE Part #3-794620-2  
02P MICRO MNL ASSY,R/A,HDR,LF



TE Part #2138558-2  
2P GENERATION Y Cap, Single-Pi



TE Part #YHVA630-5PHM-6MM-A  
HVA630-5phm,5x6sqmm,Key A



TE Part #1379665-1  
16W PLUG HSG ASSY BLACK



TE Part #2-179228-4  
CT CRIMP-2 REC HSG 4P BLUE



TE Part #173793-E  
IDCCS SMC 1,27 50 \* AU AUI 100 PVC

## Documents

### Product Drawings

[100G0111-1.50-2](#)

English

### Datasheets & Catalog Pages

[1654025\\_Sec9\\_Zerohal100G](#)

English

[Raychem Wire and Cable Quick Reference Guide](#)

English

100G0111-1.50-2

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Wire Size, 1.5 mm<sup>2</sup> Wire Size, Operating Temperature Range -55 – 125 °C

