



RAYCHEM

TE Internal #: 2824223006

600 V, Tin-Coated Copper, 12 AWG, -65 – 150 °C [-85 – 302 °F],

Hook Up Wire

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Wire & Cable > Hook Up Wire



Cable Type: **Spec 44**

Operating Voltage: **600 V**

Wire & Cable Insulation Material: **Modified Radiation Cross-linked PVDF**

Conductor Material: **Tin-Coated Copper**

Wire Size: **12 AWG**

**Features**

**Product Type Features**

Cable Style	Primary
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**Configuration Features**

Number of Strands	37
Number of Conductors	1

**Electrical Characteristics**

Operating Voltage	600 V
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**Body Features**

Wire & Cable Insulation Material	Modified Radiation Cross-linked PVDF
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Gray

**Dimensions**

Strand Size	28 AWG
Outside Cable Diameter	2.74 mm[.108 in]
Conductor Diameter Range	2.24 mm[.088 in]
Wire Size	12 AWG

**Usage Conditions**

Cable Type	Spec 44
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Operating Temperature Range

-65 – 150 °C[-85 – 302 °F]

### Other

Product Source

UK

## 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: JAN 2025 (247)  
 Candidate List Declared Against: JAN 2025 (247)  
 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 # 650076-000  
[D-436-38](#)

## Customers Also Bought



## Documents

### Product Drawings

44A0111-12-8

English

### Datasheets & Catalog Pages

Raychem Wire and Cable Quick Reference Guide

English