



RAYCHEM

TE Internal #: 2161163002

Hook Up Wire, Spec 55, 600V Voltage Rating, Tin-Coated Copper, 12 AWG Wire Size, Operating Temperature Range -65 – 150 °C

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Wire & Cable > Hook Up Wire



Cable Type: **Spec 55**

Voltage Rating: **600 V**

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

Conductor Material: **Tin-Coated Copper**

Wire Size: **12 AWG**

Features

Product Type Features

Cable Style	Primary
Product Type	Wire
Product Classification	High Performance - Spec 44, 55 & RCW

Configuration Features

Number of Conductors	1
Number of Strands	37

Electrical Characteristics

Voltage Rating	600 V
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Body Features

Wire & Cable Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Black

Dimensions

Overall Outside Diameter	2.62 mm[.103 in]
Wire Diameter	2.62 mm[.103 in]
Conductor Diameter	2.23 mm[.088 in]
	.005 in



Strand Size	28 AWG
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Wire Size	12 AWG
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Usage Conditions

Cable Type	Spec 55
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Operating Temperature Range	-65 – 150 °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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

55A0111-12-0

Hook Up Wire, Spec 55, 600V Voltage Rating, Tin-Coated Copper, 12 AWG Wire Size,
Operating Temperature Range -65 – 150 °C



TE Part # 650076-000
D-436-38

Documents

Product Drawings

[55A0111-12-0](#)

English

Datasheets & Catalog Pages

[1654025_Sec9_SPEC55](#)

English

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

English