100G0111-1.00-6 ✔ ACTIVE

RAYCHEM

TE Internal #: 5762733001

1300 V / 750 V, Tin-Plated Copper, 18 AWG, .82 mm² Wire, -55 – 125 °C [-67 – 257 °F], Hook Up Wire

View on TE.com >

Wire & Cable > Hook Up Wire



Cable Type: **Spec 100G**

Operating Voltage: **750 V, 1300 V**

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

Conductor Material: **Tin-Plated Copper**

Wire Size: **18 AWG**

Features

Product Type Features

Cable Style	Primary

Configuration Features

Number of Strands	19
Number of Conductors	1

Electrical Characteristics

Operating Voltage	750 V, 1300 V

Body Features

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

Dimensions

Strand Size	19 AWG
Outside Cable Diameter	1.78 mm[.07 in]
Cable Insulation Thickness	.2 mm
Conductor Diameter Range	1.22 mm[.048 in]
Wire Size	.82 mm²

Usage Conditions

Cable Type	Spec 100G
Operating Temperature Range	-55 – 125 °C[-67 – 257 °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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

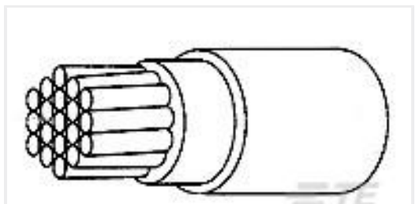
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

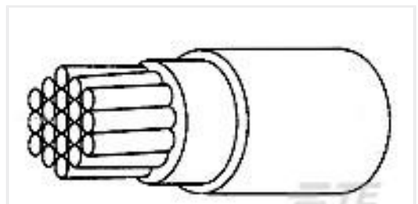


TE Part # 650075-000
D-436-37

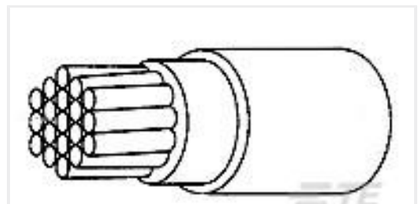
Customers Also Bought



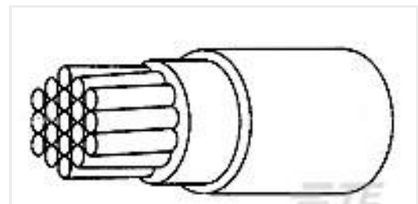
TE Part #4588793001
100G0111-1.00-0



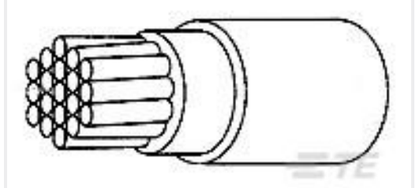
TE Part #5377113001
100G0111-1.50-0



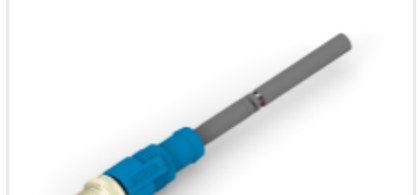
TE Part #6459633001
100G0111-0.50-9



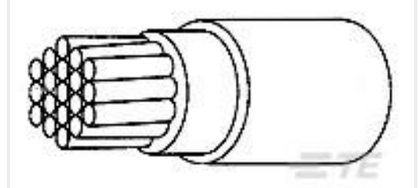
TE Part #3030213001
100G0111-1.50-9



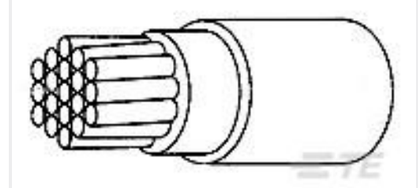
TE Part #9216033001
100G0111-1.00-9



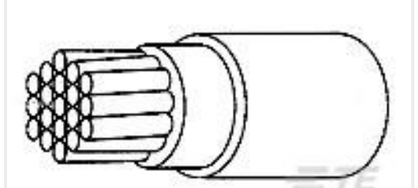
TE Part #T4161120005-004
RPC-M12-MS-5CON-PUR-3.0SH



TE Part #1373413001
100G0111-0.75-6



TE Part #4417013001
100G0111-2.50-2



TE Part #8334953001
100G0111-0.75-9



TE Part #5-1879071-9
THS50 10K 5%

Documents

Product Drawings

100G0111-1.00-6

English

Datasheets & Catalog Pages

1654025_Sec9_Zerohal100G

English

Raychem Wire and Cable Quick Reference Guide

English