44/7031-18-0 ✔ ACTIVE

RAYCHEM

TE Internal #: 2818553002

300 V, Tin-Coated Copper, 18 AWG, .82 mm² Wire, -65 – 125 °C [-85 – 257 °F], Hook Up Wire

View on TE.com >

Wire & Cable > Hook Up Wire



Cable Type: **Spec 44**

Operating Voltage: **300 V**

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

Conductor Material: **Tin-Coated Copper**

Wire Size: **18 AWG**

Features

Product Type Features

Cable Style	Primary

Configuration Features

Number of Conductors	1

Electrical Characteristics

Operating Voltage	300 V

Body Features

Wire & Cable Insulation Material	Radiation-Crosslinked, Extruded Polyalkene
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Black

Dimensions

Outside Cable Diameter	1.6 mm[.063 in]
Conductor Diameter Range	1.19 mm[.047 in]
Wire Size	.82 mm²

Usage Conditions

Cable Type	Spec 44
Operating Temperature Range	-65 – 125 °C[-85 – 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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

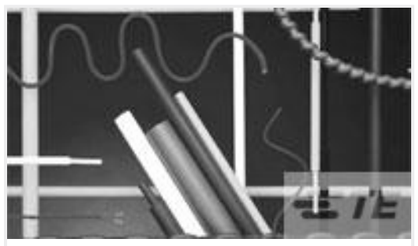
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

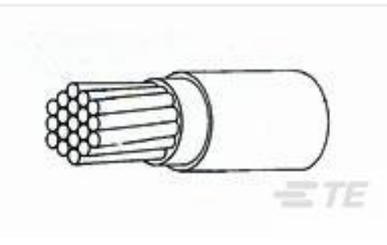


TE Part # 650075-000
D-436-37

Customers Also Bought



TE Part #4431574001
GPO-135-4.8/2.4-0-SP



TE Part #2813813003
44/7031-20-0



TE Part #T2020011002-000
DDM-0.3



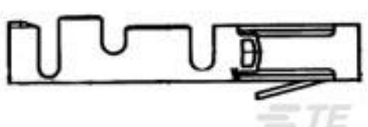
TE Part #T1440101120-000
H10B-SGRS-M20



TE Part #60904-2
205 FASTON REC 22-18 AWG TPBR



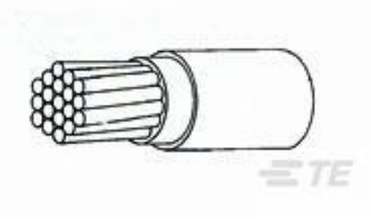
TE Part #1-66098-8
III+ PIN,18-16,TIN STRIP



TE Part #280530-2
AMP MODU MOD 2 CONT



TE Part #8-1393243-5
RT425024



TE Part #CD77033001
44A0111-20-2LCK0300

TE Part #964280-6
JPT A REC 2.8 Contact SRC Ag

Documents

Datasheets & Catalog Pages

Raychem Wire and Cable Quick Reference Guide

English