# 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

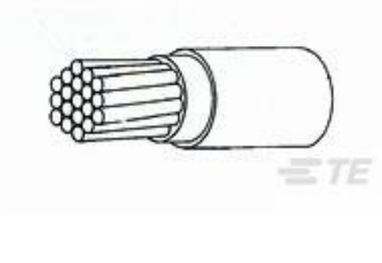
## Customers Also Bought



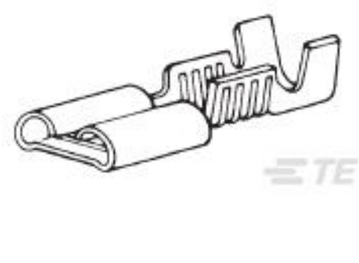
TE Part #T1440101120-000
H10B-SGRS-M20



TE Part #T2020011002-000
DDM-0.3



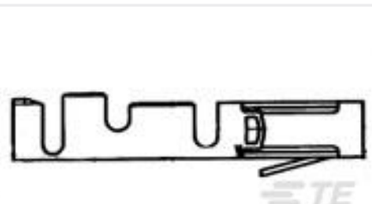
TE Part #2813813003
44/7031-20-0



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



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



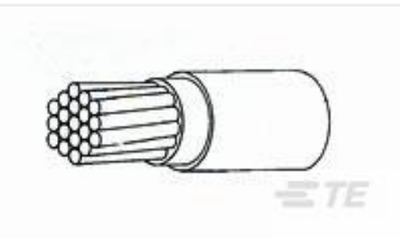
TE Part #280530-2
AMP MODU MOD 2 CONT



TE Part #964971-1
EINZELLEITERDICHTNG



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