81044/12-18-0 ✔ ACTIVE

RAYCHEM

TE Internal #: 282377-003

600 V, Tin-Coated Copper, 18 AWG, -65 – 150 °C [-85 – 302 °F], Hook Up Wire

View on TE.com >

Wire & Cable > Hook Up Wire



Cable Type: **MIL-DTL-81044**

Operating Voltage: **600 V**

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

Conductor Material: **Tin-Coated 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	600 V

Body Features

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

Dimensions

Strand Size	30 AWG
Outside Cable Diameter	1.65 mm[.065 in]
Conductor Diameter Range	1.27 mm[.05 in]
Wire Size	18 AWG

Usage Conditions

Cable Type	MIL-DTL-81044

Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Other

Product Source	US

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	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

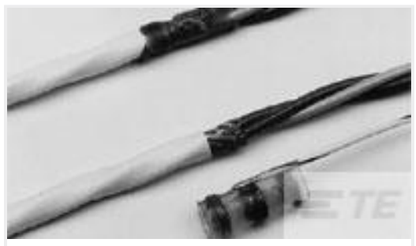
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

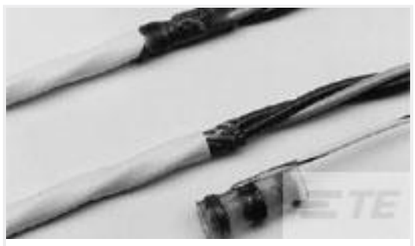


TE Part # 650075-000
D-436-37

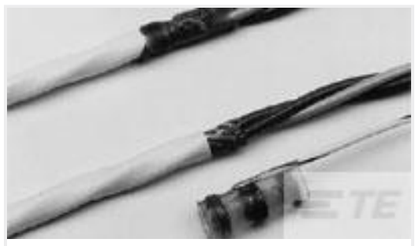
Customers Also Bought



TE Part #625250-000
D-128-0008



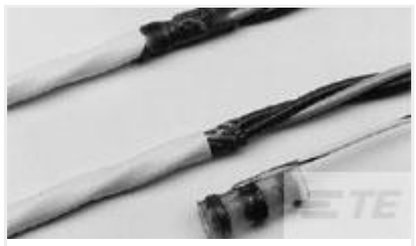
TE Part #620004-000
D-103-00



TE Part #620001-000
D-100-00



TE Part #NB-PTCO-193
Pt1000, 1.2x4.0, Class T, PTFM102T1A0



TE Part #620002-000
D-101-00



TE Part #9-146253-0
80 MODII HDR DRST B/A .100CL L



TE Part #5-1418760-3
MCON 1.2 LL TAB STC AG



TE Part #3-1618389-7
LEV100A4ANG=RELAY, 12Vdc SPST-NO



TE Part #1-1879234-2
SMF5 1K5 5%



TE Part #1-2141227-2
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD

Documents

Product Drawings

81044/12-18-0

English

Datasheets & Catalog Pages

Raychem Wire and Cable Quick Reference Guide

English

Product Specifications

Product Specification

English