22759/32-16-3 ✔ ACTIVE

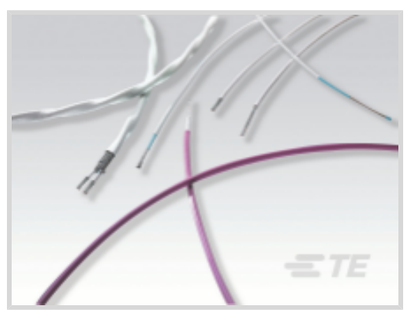
RAYCHEM

TE Internal #: 297169-000

600 V, Tin-Coated Copper, 16 AWG, -65 – 150 °C [-85 – 302 °F], Hook Up Wire

View on TE.com >

Wire & Cable > Hook Up Wire > SAE AS22759: 32/33/44/45/46 - Single-Wall, Lightweight Wire



Cable Type: **MIL-DTL-22759**

Operating Voltage: **600 V**

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

Conductor Material: **Tin-Coated Copper**

Wire Size: **16 AWG**

All SAE AS22759: 32/33/44/45/46 - Single-Wall, Lightweight Wire (264)

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 ETFE Polymer
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Orange

Dimensions

	.005 in
Strand Size	29 AWG
Outside Cable Diameter	1.73 mm[.068 in]
Conductor Diameter Range	1.42 mm[.056 in]

Wire Size	16 AWG

Usage Conditions

Cable Type	MIL-DTL-22759
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

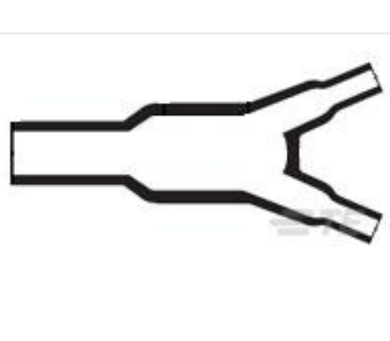
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

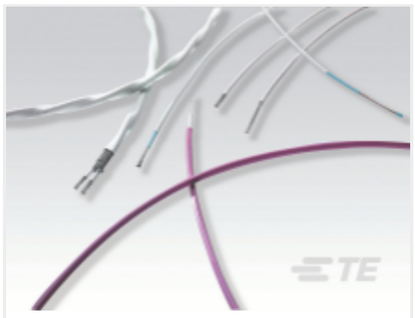


TE Part # 650076-000
D-436-38

Customers Also Bought



TE Part #807079-000
382A023-4/42-0

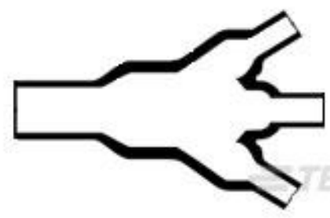


TE Part #CAT-AS22759-32
SAE AS22759: 32/33/44/45/46 - Single-Wall, Lightweight Wire

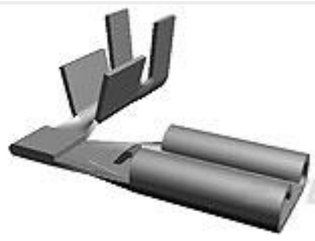


TE Part #123421-000
55A1122-20-9/96-9CS2275

TE Part #203743-000
RVS-11(S1)



TE Part #823285-000
462A023-4/42-0



TE Part #61070-1
110 FASTON FLAG REC 22-18 AWG TPBR



TE Part #104257-9
10 MTE RCPT HSG SR LATCH .100



TE Part #320569
TERMINAL,PIDG R 12-10 1/4



TE Part #1-1423008-0
T92P7D52-12

Documents

Product Drawings

22759/32-16-3

English

Datasheets & Catalog Pages

Raychem Wire and Cable Quick Reference Guide

English