



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: **18 AWG**

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

Features

Product Type Features

Cable Style	Primary
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Configuration Features

Number of Strands	19
Number of Conductors	1

Electrical Characteristics

Operating Voltage	600 V
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Body Features

Wire & Cable Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper
Wire Color (Base)	White

Dimensions

	.005 in
Strand Size	30 AWG
Outside Cable Diameter	1.52 mm[.06 in]
Conductor Diameter Range	1.27 mm[.05 in]



Wire Size	18 AWG
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Usage Conditions

Cable Type	MIL-DTL-22759
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Other

Product Source	US
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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	No Restricted Materials 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 #YDIV46E25-35SNC009
PLUG ASSY



TE Part #CAT-NEMA-M27500-SR
NEMA WC27500: Crosslinked ETFE
Lightweight Cables



TE Part #YDIV46E25-61SNC009
PLUG ASSY



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



TE Part #326741
TERMINAL,PG SPD 16-14 8

Documents

Product Drawings

22759/32-18-9

English

Datasheets & Catalog Pages

Raychem Wire and Cable Quick Reference Guide

English