



Raychem

TE Internal #: 894191-000

Twisted Pair Cable, MIL-DTL-27500, 600VAC Voltage Rating, 16AWG Wire Size, Operating Temperature Range -65 – 150 °C

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Wire & Cable > Twisted Pair Cable



Cable Type: **MIL-DTL-27500**

Voltage Rating: **600 VAC**

Insulation Material: **Modified Radiation Cross-linked ETFE Polymer**

Conductor Material: **Tin-Coated Copper**

Wire Size: **16 AWG**

Features

Product Type Features

Product Classification	Cable - High Performance - Spec 44, 55 and RCW
Product Type	Cable
Cable Style	Primary
Cable Type	MIL-DTL-27500

Configuration Features

Number of Conductors	2
Number of Pairs	1
Number of Strands	19

Electrical Characteristics

Voltage Rating	600 VAC
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Body Features

Wire Color	White with Blue Stripe, White
Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper

Dimensions

Overall Outside Diameter	3.91 mm[.154 in]
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Conductor Diameter	1.37 mm[.054 in]
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Wire Diameter	.077 mm[.077 in]
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Wire Size	16 AWG
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Strand Size	29 AWG
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Usage Conditions

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

Packaging Quantity	1
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Packaging Method	Package
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Other

Wire Source	United States
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
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Halogen Content	Out of Scope - excluded from Halogen requirements
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Solder Process Capability	Not applicable for solder process capability
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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 Model / Part # 650076-000
D-436-38

Customers Also Bought



TE Model / Part #5431414003
RNF-3000 Single Wall Spool HS Tubing



TE Model / Part #2-1617561-0
3SBC1668A2=M39016/38-008L



TE Model / Part #899774-000
S01-02-RCS2811



TE Model / Part #263499-000
44AM3131-22-MST3CS2275



TE Model / Part #645063-000
55A1822-16-6/9-9CS2275



TE Model / Part #7-1617350-9
J1MSCD-26XP=M39016/25-036P



TE Model / Part #YDIV40E19-35SAC003
RECP ASSY



TE Model / Part #YDTS26F13-98SBV001
PLUG ASSY



TE Model / Part #1617148-5
JMGAPD-26P = M39016/18-030P



TE Model / Part #CC6181-000
PEP-5-SUITE-DGLUSB

Documents

Product Drawings

[55A0821-16-9/96CS2275](#)

English

Datasheets & Catalog Pages

[1654025_Sec9_SPECS55](#)

English



Raychem Wire and Cable Quick Reference Guide

English

Product Specifications

Product Specification

English