



Raychem

TE Internal #: 086247-000

Twisted Pair Cable, MIL-DTL-27500, 600VAC Voltage Rating, 20AWG 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: 20 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	Blue, White
Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper

Dimensions

Overall Outside Diameter	2.95 mm[.116 in]
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Conductor Diameter	.99 mm[.039 in]
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Wire Diameter	.058 mm[.058 in]
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Wire Size	20 AWG
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Strand Size	32 AWG
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Usage Conditions

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

Halogen Free	Yes
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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 # 650075-000
D-436-37

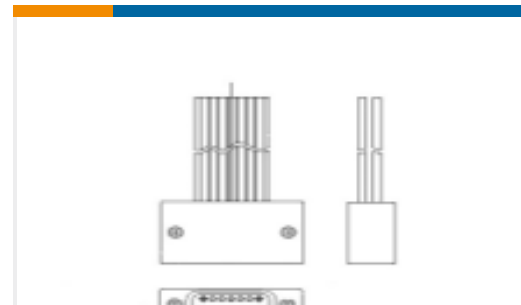
Customers Also Bought



TE Model / Part #228311-000
HEX40-AC-00-21-A9-1-DS



TE Model / Part #A01393-000
55PC0111-28-9



TE Model / Part #9-1589476-1
STM015SC2DX010N = WDUALOBE



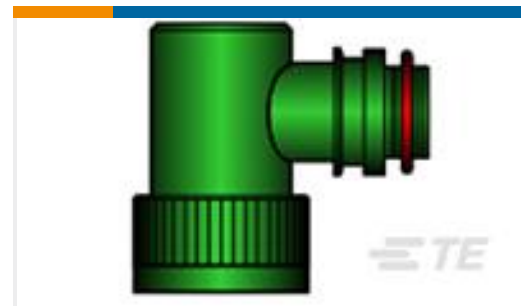
TE Model / Part #BTH1-15-08-1-ZN
BTH1-15-08-1-ZN



TE Model / Part #387087K005
44A1111-24-1-9



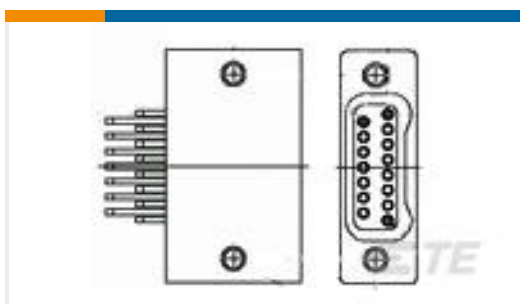
TE Model / Part #E146163001
55A9012-30-4/5



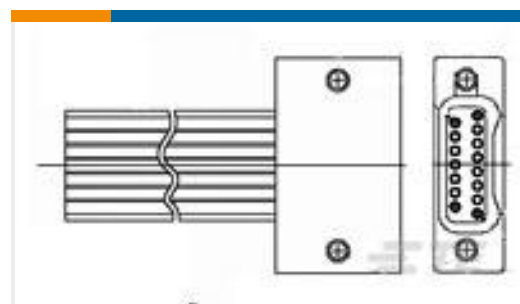
TE Model / Part #CS0143-000
TXR40SJ90-2418BI



TE Model / Part #CV5805-000
HEX40-AC-00-23-A13-2



TE Model / Part #2-1589483-7
STL065L2HN = SMT CONN



TE Model / Part #4-1589777-3
STM065SC2DM024N = WDUALOBE

Documents

Product Drawings

[55A0821-20-6/9CS2275](#)

English



Datasheets & Catalog Pages

[1654025_Sec9_SPEC55](#)

English

[Raychem Wire and Cable Quick Reference Guide](#)

English

Product Specifications

[Product Specification](#)

English