



Raychem

TE Internal #: 154025-000

Twisted Pair Cable, MIL-DTL-27500, 600VAC Voltage Rating, 12AWG 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: 12 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
Jacket Color	White
Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper

### Dimensions

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Conductor Diameter	2.198 mm[.0865 in]
Wire Diameter	.111 mm[.111 in]
Wire Size	12 AWG
Strand Size	28 AWG

### Usage Conditions

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

Packaging Quantity	1
Packaging Method	Package

### 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
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: JUN 2020 (209) Candidate List Declared Against: JAN 2019 (197) 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

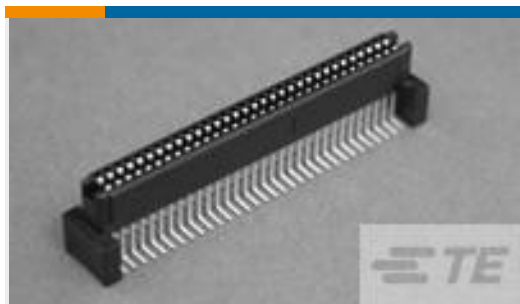
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Model / Part # 650076-000  
D-436-38

## Customers Also Bought



TE Model / Part #120530-1  
1FHR,64,30A/P,N,C,S13



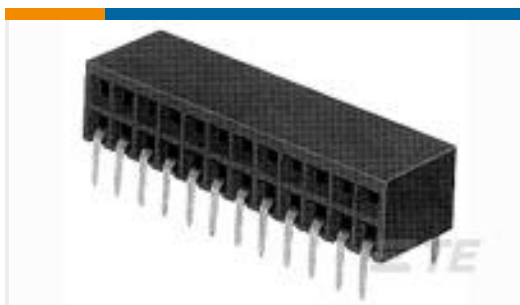
TE Model / Part #2-1532184-8  
M83513/03-F12C, MCKS-C2-B-37P6Q9-36.0



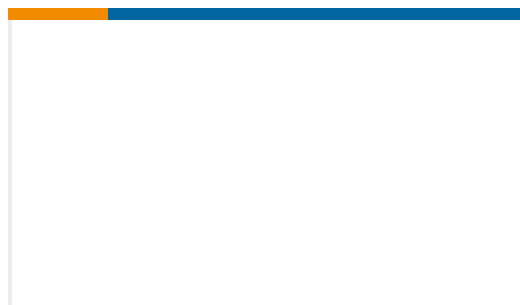
TE Model / Part #216371-000  
22759/32-16-5



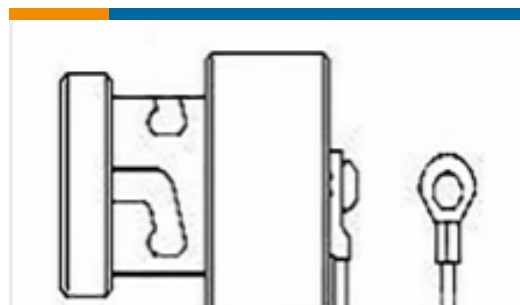
TE Model / Part #869135-000  
55A0134-24-MST3CS2275



TE Model / Part #87962-6  
14 MODII HORZ DR CE 100CL/115



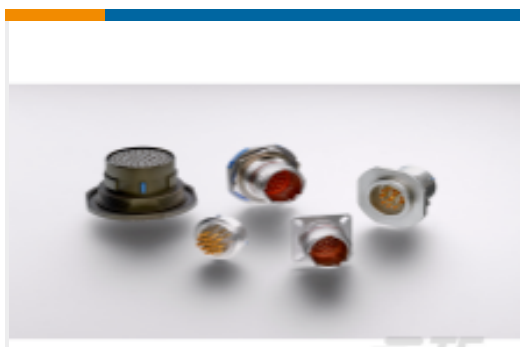
TE Model / Part #623161N002  
D-148-0206CS964



TE Model / Part #011689-000  
D-600-0065-3



TE Model / Part #233591-000  
D-600-0068-3



TE Model / Part #YDTS24N15-97CNV001  
HERM RECP



TE Model / Part #YDTS24W25-20SBV001  
RECP ASSY

## Documents

### Product Drawings

[55A0821-12-9/96CS2275](#)

English

### Datasheets & Catalog Pages

[1654025\\_Sec9\\_SPEC55](#)

English



## Raychem Wire and Cable Quick Reference Guide

English

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## Product Specifications

### Product Specification

English