



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: **22 AWG**

Features

Product Type Features

Cable Type	MIL-DTL-27500
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Electrical Characteristics

Voltage Rating	600 VAC
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Body Features

Insulation Material	Modified Radiation Cross-linked ETFE Polymer
Conductor Material	Tin-Coated Copper

Dimensions

Wire Size	22 AWG
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Usage Conditions

Operating Temperature Range	-65 – 150 °C
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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: JAN 2019 (197)



Candidate List Declared Against: JAN 2019 (197)

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 650074-000  
[D-436-36](#)

Customers Also Bought



TE Part #218208-002  
[22759/34-16-9](#)



TE Part #702841-000  
[55A1821-22-9/96-9CS2275](#)



TE Part #482943-000  
[SO63-4-9030](#)



TE Part #218247-001  
[22759/34-10-9](#)

55A1831-22-MST3-9CS2275

TE Part # 253789-000  
TE Internal #: 55A1831-22-MST3-9CS2275  
Mil-Spec: [M27500-22SD3T23]



TE Part #218163-001  
22759/34-12-9



TE Part #074911-000  
55A1821-20-9/96-9CS2275



TE Part #CTJ722K01C-7067  
MODULE ASSY



TE Part #1662-213-2031  
CONT SOC ASSY



TE Part #662635-000  
55A1831-20-MST3-9CS2275



TE Part #YDTS26W25-35SNV001  
PLUG ASSY

Documents

Product Drawings  
55A1831-22-MST3-9CS2275

English

Datasheets & Catalog Pages  
1654025\_Sec9\_SPEC55

English

Product Specifications  
Product Specification

English

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[55A1831-22-MST3-9CS2275](#)