



Raychem

TE Internal #: 282214-003

Hook Up Wire, MIL-DTL-81044, 600V Voltage Rating, Red Wire Color, 20AWG Wire Size, Operating Temperature Range -65 – 150 °C

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Wire & Cable > Hook Up Wire



Cable Type: **MIL-DTL-81044**

Voltage Rating: **600 V**

Wire Color: **Red**

Insulation Material: **Modified Radiation Cross-linked PVDF**

Conductor Material: **Tin-Coated Copper**

## Features

### Product Type Features

Cable Style	Primary
Product Type	Cable
Product Classification	Cable - High Performance - Spec 44, 55 & RCW
Cable Type	MIL-DTL-81044

### Configuration Features

Number of Conductors	1
Number of Strands	19

### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Wire Color	Red
Insulation Material	Modified Radiation Cross-linked PVDF
Conductor Material	Tin-Coated Copper

### Dimensions

Overall Outside Diameter	1.4 mm[.055 in]
Wire Diameter	1.4 mm[.055 in]



Conductor Diameter	1.01 mm[.04 in]
Strand Size	32 AWG
Wire Size	20 AWG

### Usage Conditions

Operating Temperature Range	-65 – 150 °C
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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
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 2020 (205) 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

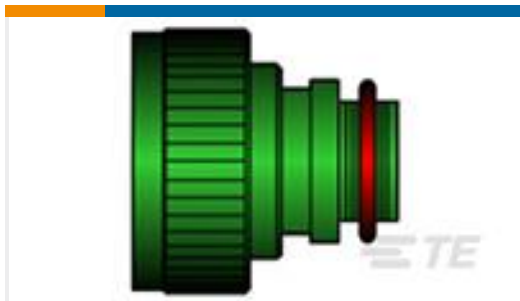
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

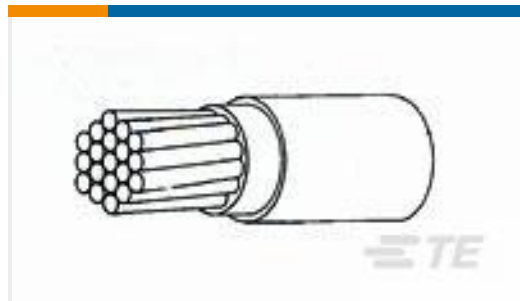


TE Model / Part # 650075-000  
D-436-37

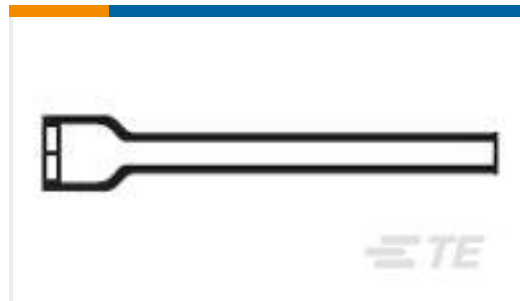
## Customers Also Bought



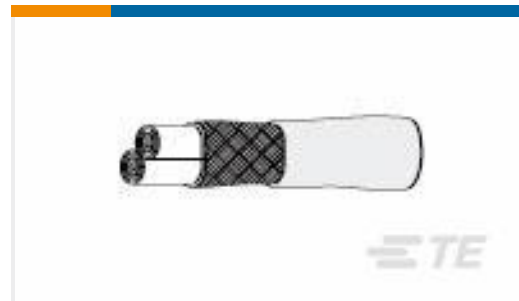
TE Model / Part #554173-000  
TXR40AB00-1406AI



TE Model / Part #282213-003  
81044/12-20-0



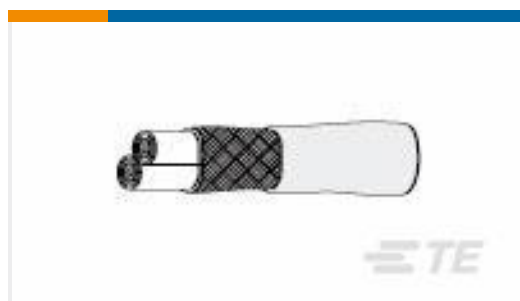
TE Model / Part #819115-000  
202F211-51-0



TE Model / Part #837187-000  
44AM1121-24-9/96-9CS2275



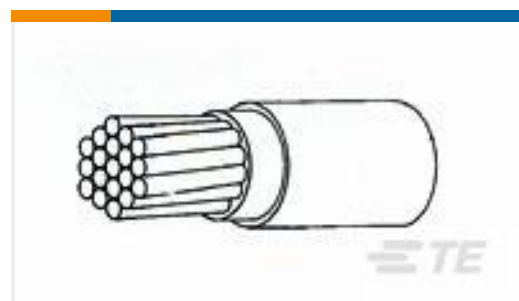
TE Model / Part #731235-000  
44AM1121-20-9/96-9CS2275



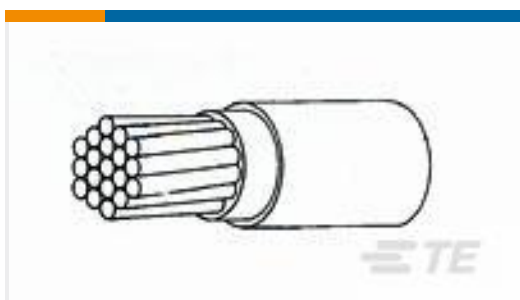
TE Model / Part #718759-000  
44AM1121-22-9/96-9CS2275



TE Model / Part #DTS26W15-97PN  
PLUG ASSY



TE Model / Part #282215-002  
81044/12-20-4



TE Model / Part #282217-000  
81044/12-20-6



TE Model / Part #DTS26F09-98PN  
PLUG ASSY

## Documents

### Product Drawings

[81044/12-20-2](#)

English

### Datasheets & Catalog Pages

[1654025\\_Sec9\\_SPEC44](#)

English

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

English



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**Product Specifications**

**Product Specification**

English