



RAYCHEM

TE Internal #: 282215-002

MIL-DTL-81044, Operating Voltage 600 V, Tin-Coated Copper, 20 AWG Wire Size, Operating Temperature Range -65 – 150 °C, Hook Up Wire

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Wire & Cable > Hook Up Wire



Cable Type: MIL-DTL-81044

Operating Voltage: 600 V

Wire & Cable Insulation Material: Modified Radiation Cross-linked PVDF

Conductor Material: Tin-Coated Copper

Wire Size: 20 AWG

Features

Product Type Features

Cable Style	Primary
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Configuration Features

Number of Conductors	1
Number of Strands	19

Electrical Characteristics

Operating Voltage	600 V
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Body Features

Wire & Cable Insulation Material	Modified Radiation Cross-linked PVDF
Conductor Material	Tin-Coated Copper
Wire Color (Base)	Yellow

Dimensions

Outside Cable Diameter	1.4 mm[.055 in]
Conductor Diameter Range	1.01 mm[.04 in]
Strand Size	32 AWG
Wire Size	20 AWG

Usage Conditions

Cable Type	MIL-DTL-81044
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Operating Temperature Range -65 – 150 °C

### Other

Product Source US

## 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 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 Part # 650075-000  
D-436-37

## Customers Also Bought



## Documents

### Product Drawings

[81044/12-20-4](#)

English

### Datasheets & Catalog Pages

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

English

### Product Specifications

[Product Specification](#)

English