

MADISON CABLE

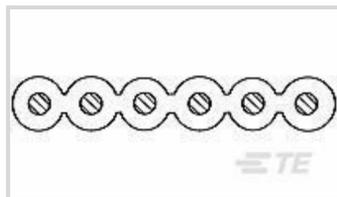
TE Internal #: 1-57131-9

TE Internal Description: AMP 1-57131-9 Rev. M

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Wire & Cable > Ribbon & Flat Cable



Number of Conductors: **50**

Shielded: **No**

Wire & Cable Insulation Material: **PVC**

Operating Temperature Range: **-20 – 105 °C**

Cable Length: **30.48 m [100 ft]**

Features

Product Type Features

Product Category	Ribbon Cable
Product Type	Cable
Wire/Cable Type	Ribbon Cable
Product Classification	Cable - Flat Ribbon

Configuration Features

Number of Conductors	50
Number of Strands	7

Electrical Characteristics

Propagation Delay	1.55 ns/ft
Current Rating	1.5 A
Capacitance	72.1 pF/m
Impedance	66 Ω
Voltage Rating	150 V

Signal Characteristics

Cross Talk (Far End)	4.5 %
Cross Talk (Near End)	2.8 %

Body Features

Jacket Color	Gray
Jacket Material	PVC

Wire & Cable Insulation Material	PVC
Conductor Insulation Color	Gray
Conductor Material	Tinned Copper

Housing Features

Centerline (Pitch)	.64 mm[.025 in]
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Dimensions

Cable Insulation Height	.69 mm[.027 in]
Cable Insulation Width	31.75 mm[1.25 in]
Cable Length	30.48 m[100 ft]
Wire Size	.05 mm ²
Strand Size	38 AWG

Usage Conditions

Operating Temperature Range	-20 – 105 °C
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Operation/Application

Shielded	No
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Industry Standards

Agency/Standard	UL/CSA
UL File Number	E47891
UL Listing	AWM Style 2678

Packaging Features

Packaging Method	Reel
Packaging Quantity	30.48 m[100 ft]

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC



Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed 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>

Documents

Product Drawings

[AMP 1-57131-9 Rev. M](#)

English

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

English

[IDC Ribbon Cable Brochure](#)

English

Product Specifications

[Product Specification](#)

English