



Product: [9978](#)

Lead Wire, #30 Sol TC, PVC Ins, AWM 1061

Request Sample

Product Description

Low Temp Plastic Lead Wire, 30AWG (Solid) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, wire wrap applications |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 30 | Solid | TC - Tinned Copper | 1 |

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.03 in | 0.01 in |

Electrical Characteristics

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V RMS |

Temperature Range

| | |
|---------------------|------|
| Non-UL Temp Rating: | 80°C |
| UL Temp Rating: | 80°C |

Mechanical Characteristics

| | |
|------------------------------|----------------|
| Bulk Cable Weight: | 0.7 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.12 in |

Standards

| | |
|--------------------------|----------------|
| UL Rating: | 300V RMS, 80°C |
| UL AWM Style Compliance: | AWM 1061 |
| CSA Rating: | 300V RMS, 80°C |
| CSA AWM Compliance: | CSA AWM I A/B |
| CSA Type: | AWM I, A/B |

Applicable Environmental and Other Programs

| | |
|-----------------------------------|-----|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |

| | |
|--|-------------------------------|
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL Flammability: | VW-1 |
| CSA Flammability: | FT1 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|--------------|-------------|-------------|----------|--------------|
| 9978 010100 | Black | Reel | 100 ft | 612825266037 |
| 9978 0101000 | Black | Reel | 1,000 ft | 612825266044 |
| 9978 013100 | Blue, Dark | Reel | 100 ft | 612825266051 |
| 9978 0131000 | Blue, Dark | Reel | 1,000 ft | 612825266068 |
| 9978 001100 | Brown | Reel | 100 ft | 612825265894 |
| 9978 008100 | Gray | Reel | 100 ft | 612825266006 |
| 9978 005100 | Green, Dark | Reel | 100 ft | 612825265962 |
| 9978 0051000 | Green, Dark | Reel | 1,000 ft | 612825265979 |
| 9978 003100 | Orange | Reel | 100 ft | 612825265924 |
| 9978 0031000 | Orange | Reel | 1,000 ft | 612825265931 |
| 9978 002100 | Red | Reel | 100 ft | 612825265900 |
| 9978 0021000 | Red | Reel | 1,000 ft | 612825265917 |
| 9978 007100 | Violet | Reel | 100 ft | 612825265986 |
| 9978 0071000 | Violet | Reel | 1,000 ft | 612825265993 |
| 9978 009100 | White | Reel | 100 ft | 612825266013 |
| 9978 0091000 | White | Reel | 1,000 ft | 612825266020 |
| 9978 004100 | Yellow | Reel | 100 ft | 612825265948 |
| 9978 0041000 | Yellow | Reel | 1,000 ft | 612825265955 |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.372 Revision Date: 05-05-2023 |
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