



**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**

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 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: | UL AWM Style 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                           |
| EU RoHS Compliance Date (yyyy-mm-dd):        | 2005-10-01                    |
| CA Prop 65:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

## Flammability, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #       | Color       | Putup 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

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.308 Revision Date: 03-16-2021 |
|----------------------|--|

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