



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, LS0H, 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

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.373 Revision Date: 02-03-2025 |
|----------------------|--|

© 2025 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.