



Product: [9975](#) 

Lead Wire, #24 Sol TC, PVC Ins, AWM 1061

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 24AWG (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

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 1 | 24 | Solid | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|-------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.04 in (1.0 mm) |

Overall Cable Diameter (Nominal): 0.040 in (1.0 mm)

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|--|
| 25.2 Ohm/1000ft | Single conductor in free air @ 30°C: 3.5 A |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 80°C | -20°C To +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.16 in (4.1 mm) | 0.16 in (4.1 mm) |

Max. Pull Tension: 5.1 lb
Bulk Cable Weight: 2 lbs/1000ft

Standards and Compliance

| | |
|----------------------------------|-------------------------|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | AWM 1061, CSA AWM I A/B |

| | |
|--------------------------------|---|
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
|--------------------------------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.482 Revision Date: 02-20-2026 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9975 010100 | Black | Reel | 100 ft | 612825265528 | |
| 9975 0101000 | Black | Reel | 1,000 ft | 612825265535 | P |
| 9975 0131000 | Blue, Dark | Reel | 1,000 ft | 612825265559 | P |
| 9975 0011000 | Brown | Reel | 1,000 ft | 612825265405 | P |
| 9975 0081000 | Gray | Reel | 1,000 ft | 612825265504 | P |
| 9975 0051000 | Green, Dark | Reel | 1,000 ft | 612825265481 | P |
| 9975 0031000 | Orange | Reel | 1,000 ft | 612825265467 | P |
| 9975 002100 | Red | Reel | 100 ft | 612825265436 | |
| 9975 0021000 | Red | Reel | 1,000 ft | 612825265443 | P |
| 9975 0091000 | White | Reel | 1,000 ft | 612825265511 | P |
| 9975 0041000 | Yellow | Reel | 1,000 ft | 612825265474 | P |

| | |
|-----------|---|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |
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