



Product: [9980](#)

Lead Wire, #16 Str TC, PVC Ins, AWM 1061

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Product Description

Low Temp Plastic Lead Wire, 16AWG (19x28) 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 |
|------------------------|--|

Physical Characteristics (Overall)

| Conductor | | | |
|------------------|-----------|--------------------|-------------------|
| AWG | Stranding | Material | No. of Conductors |
| 16 | 19x28 | TC - Tinned Copper | 1 |
| Conductor Count: | | 1 | |

| Insulation | | |
|--------------------------|------------------|------------------------|
| Material | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.078 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: | 10.4 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.32 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 |
|--------------|-------------|-------------|----------|--------------|
| 9980 010100 | Black | Reel | 100 ft | 612825266174 |
| 9980 0101000 | Black | Reel | 1,000 ft | 612825266181 |
| 9980 013100 | Blue, Dark | Reel | 100 ft | 612825266198 |
| 9980 0131000 | Blue, Dark | Reel | 1,000 ft | 612825266204 |
| 9980 0011000 | Brown | Reel | 1,000 ft | 612825266099 |
| 9980 0081000 | Gray | Reel | 1,000 ft | 612825266143 |
| 9980 0051000 | Green, Dark | Reel | 1,000 ft | 612825266136 |
| 9980 0031000 | Orange | Reel | 1,000 ft | 612825266112 |
| 9980 002100 | Red | Reel | 100 ft | 612825349914 |
| 9980 0021000 | Red | Reel | 1,000 ft | 612825266105 |
| 9980 009100 | White | Reel | 100 ft | 612825266150 |
| 9980 0091000 | White | Reel | 1,000 ft | 612825266167 |
| 9980 0041000 | Yellow | Reel | 1,000 ft | 612825266129 |

| | |
|-----------|---|
| 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'. |
|-----------|---|

History

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| Update and Revision: | Revision Number: 0.369 Revision Date: 02-03-2025 |
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