



**Product:** [9911](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1061

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 18AWG (16x30) 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 |
|-----|-----------|--------------------|-------------------|
| 18  | 16x30     | TC - Tinned Copper | 1                 |

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

**Insulation**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.067 in         | 0.01 in                |

**Color Chart 2**

| Number |
|--------|
| 6      |

**Construction and Dimensions**

**Cabling**

| Twists     |
|------------|
| 6 twist/ft |

**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:           | 6 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.27 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          |
|--------------|-------------|-------------|----------|--------------|
| 9911 0101000 | Black       | Reel        | 1,000 ft | 612825261124 |
| 9911 0131000 | Blue, Dark  | Reel        | 1,000 ft | 612825261155 |
| 9911 0011000 | Brown       | Reel        | 1,000 ft |              |
| 9911 0081000 | Gray        | Reel        | 1,000 ft | 612825261056 |
| 9911 0051000 | Green, Dark | Reel        | 1,000 ft | 612825261001 |
| 9911 0031000 | Orange      | Reel        | 1,000 ft | 612825260950 |
| 9911 0021000 | Red         | Reel        | 1,000 ft | 612825260929 |
| 9911 0071000 | Violet      | Reel        | 1,000 ft | 612825261025 |
| 9911 0091000 | White       | Reel        | 1,000 ft | 612825261087 |
| 9911 0041000 | Yellow      | Reel        | 1,000 ft | 612825260981 |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.374 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

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