



**Product:** [9982](#)

Lead Wire, #20 Str TC, PVC Ins, AWM 1061

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) 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 |
| 20               | 7x28      | TC - Tinned Copper | 1                 |
| Conductor Count: |           | 1                  |                   |

| Insulation               |                  |                        |
|--------------------------|------------------|------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.057 in         | 0.01 in                |

Electrical Characteristics

| High Frequency (Nominal/Typical) |  |
|----------------------------------|--|
| Nom. Insertion Loss              |  |
| 6.5 dB/100m                      |  |
| 6.5 dB/100m                      |  |
| 6.5 dB/100m                      |  |

| 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:           | 4.6 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.24 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, LSOH, 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          |
|--------------|-------------|-------------|----------|--------------|
| 9982 010100  | Black       | Reel        | 100 ft   | 612825266532 |
| 9982 0101000 | Black       | Reel        | 1,000 ft | 612825266549 |
| 9982 013100  | Blue, Dark  | Reel        | 100 ft   | 612825266556 |
| 9982 0131000 | Blue, Dark  | Reel        | 1,000 ft | 612825266563 |
| 9982 0011000 | Brown       | Reel        | 1,000 ft | 612825266402 |
| 9982 0081000 | Gray        | Reel        | 1,000 ft | 612825266495 |
| 9982 005100  | Green, Dark | Reel        | 100 ft   | 612825266464 |
| 9982 0051000 | Green, Dark | Reel        | 1,000 ft | 612825266471 |
| 9982 0031000 | Orange      | Reel        | 1,000 ft | 612825266433 |
| 9982 002100  | Red         | Reel        | 100 ft   | 612825266419 |
| 9982 0021000 | Red         | Reel        | 1,000 ft | 612825266426 |
| 9982 0071000 | Violet      | Reel        | 1,000 ft | 612825266488 |
| 9982 009100  | White       | Reel        | 100 ft   | 612825266518 |
| 9982 0091000 | White       | Reel        | 1,000 ft | 612825266525 |
| 9982 004100  | Yellow      | Reel        | 100 ft   | 612825266440 |
| 9982 0041000 | Yellow      | Reel        | 1,000 ft | 612825266457 |

|           |                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.361 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

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