

# 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, 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 |
|---|---|---|---|---|
| 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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