



Product: [9982](#)

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

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

| Non-UL Voltage Rating | UL Voltage Rating |
|-----------------------|-------------------|
| 300 V                 | 300 V             |

Temperature Range

Non-UL Temp Rating:

80°C

UL Temp Rating:

80°C

Standards

UL Rating:

300V RMS, 80°C

UL AWM Style Compliance:

AWM 1061

CSA Rating:

300V RMS, 80°C

CSA AWM Compliance:

AWM I A/B

CSA Type:

AWM I, A/B

Military Compliance:

N/A

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 II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01                    |
| 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 |
|---------------|----|

Part Number

Variants

| Item #       | Color       | Putup 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: 0.269 Revision Date: 06-15-2020 |
|----------------------|--------------------------------------------------|

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