



Product: [9919](#)

Lead Wire, #20 Str TC, PVC Ins, AWM 1007 AWM 1569

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances |
|------------------------|---|

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 | Min. Average Wall Thickness |
|--------------------------|------------------|------------------------|-----------------------------|
| PVC - Polyvinyl Chloride | 0.069 in | 0.016 in | 0.015 in |

Electrical Characteristics

Conductor DCR

| |
|------------------------------|
| Nominal Conductor DCR |
| 9.8 Ohm/1000ft |

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V RMS |

| | |
|------------------------------------|---|
| Other Electrical Characteristic 2: | Return Loss tested in accordance with ASTM D 4566 - 05 paragraph 50.3, using a 75 Ohm fixed bridge and termination. |
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Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
| UL Temp Rating: | 105°C |

Mechanical Characteristics

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|--------------------------------------|--------------|
| Bulk Cable Weight: | 5 lbs/1000ft |
| Min Bend Radius During Installation: | 6 in |
| Min Bend Radius/Minor Axis: | 0.28 in |

Standards

| | |
|--------------------------|--------------------------------|
| UL Rating: | 300V RMS, 80°C and 300V, 105°C |
| UL AWM Style Compliance: | UL AWM Styles 1007, 1569 |
| CSA Rating: | 300V RMS, 90°C and 300V, 105°C |
| CSA Type: | TRSR-64 |

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): | 2005-04-01 |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

| | |
|------------------------|----|
| Suitability - Outdoor: | No |
|------------------------|----|

Flammability, LSOH, 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 |
|--------------|-------------|------------|----------|--------------|
| 9919 010100 | Black | Reel | 100 ft | 612825262695 |
| 9919 0101000 | Black | Reel | 1,000 ft | 612825262701 |
| 9919 013100 | Blue, Dark | Reel | 100 ft | 612825262718 |
| 9919 0131000 | Blue, Dark | Reel | 1,000 ft | 612825262725 |
| 9919 001100 | Brown | Reel | 100 ft | 612825262558 |
| 9919 0011000 | Brown | Reel | 1,000 ft | 612825262565 |
| 9919 0081000 | Gray | Reel | 1,000 ft | 612825262664 |
| 9919 005100 | Green, Dark | Reel | 100 ft | 612825262626 |
| 9919 0051000 | Green, Dark | Reel | 1,000 ft | 612825262633 |
| 9919 0031000 | Orange | Reel | 1,000 ft | 612825262596 |
| 9919 002100 | Red | Reel | 100 ft | 612825262572 |
| 9919 0021000 | Red | Reel | 1,000 ft | 612825262589 |
| 9919 007100 | Violet | Reel | 100 ft | 612825262640 |
| 9919 0071000 | Violet | Reel | 1,000 ft | 612825262657 |
| 9919 009100 | White | Reel | 100 ft | 612825262671 |
| 9919 0091000 | White | Reel | 1,000 ft | 612825262688 |
| 9919 004100 | Yellow | Reel | 100 ft | 612825262602 |
| 9919 0041000 | Yellow | Reel | 1,000 ft | 612825262619 |

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

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| Update and Revision: | Revision Number: 0.317 Revision Date: 11-17-2020 |
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