



**Product:** [9930](#)

Lead Wire, #30 Str TC, PVC Ins, AWM 1007

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Product Description

Low Temp Plastic Lead Wire, 30AWG (7x38) Tinned Copper, PVC Insulation, AWM 1007 JQA-F 300V 80C

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 |
| 30               | 7x38      | TC - Tinned Copper | 1                 |
| Conductor Count: |           |                    | 1                 |

| Insulation               |                  |                        |                             |
|--------------------------|------------------|------------------------|-----------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
| PVC - Polyvinyl Chloride | 0.044 in         | 0.016 in               | 0.015 in                    |

Electrical Characteristics

High Frequency (Nominal/Typical)

| Nom. Insertion Loss |
|---------------------|
| 6.4 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:           | 1.2 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.18 in        |

Standards

|                          |                |
|--------------------------|----------------|
| UL Rating:               | 300V RMS, 80°C |
| UL AWM Style Compliance: | AWM 1007       |

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      |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Related Part Numbers

Variants

| Item #       | Color       | Put-Up Type | Length   | UPC          |
|--------------|-------------|-------------|----------|--------------|
| 9930 010100  | Black       | Reel        | 100 ft   | 612825264323 |
| 9930 0101000 | Black       | Reel        | 1,000 ft | 612825264330 |
| 9930 013100  | Blue, Dark  | Reel        | 100 ft   | 612825264347 |
| 9930 0131000 | Blue, Dark  | Reel        | 1,000 ft | 612825264354 |
| 9930 0011000 | Brown       | Reel        | 1,000 ft | 612825264217 |
| 9930 008100  | Gray        | Reel        | 100 ft   | 612825264293 |
| 9930 005100  | Green, Dark | Reel        | 100 ft   | 612825264262 |
| 9930 0051000 | Green, Dark | Reel        | 1,000 ft | 612825264279 |
| 9930 003100  | Orange      | Reel        | 100 ft   | 612825264248 |
| 9930 002100  | Red         | Reel        | 100 ft   | 612825264224 |
| 9930 0021000 | Red         | Reel        | 1,000 ft | 612825264231 |
| 9930 007100  | Violet      | Reel        | 100 ft   | 612825264286 |
| 9930 009100  | White       | Reel        | 100 ft   | 612825264309 |
| 9930 0091000 | White       | Reel        | 1,000 ft | 612825264316 |
| 9930 0041000 | Yellow      | Reel        | 1,000 ft | 612825264255 |

|           |   |
|-----------|---|
| 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: 0.383 Revision Date: 02-03-2025 |
|----------------------|--|

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