



Product: [9975](#)

Lead Wire, #24 Sol TC, PVC Ins, AWM 1061 CSA AWM

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (Solid) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24  | Solid     | TC - Tinned Copper | 1                 |

Conductor Count: 1

Insulation

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.04 in          | 0.01 in                |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 24.25 Ohm/1000ft      |

Current

| Element                                               | Max. Recommended Current [A] |
|-------------------------------------------------------|------------------------------|
| Single conductor @ 25C ambient (35C temperature rise) | 3.5 A                        |

Voltage

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

Temperature Range

|                       |                |
|-----------------------|----------------|
| Non-UL Temp Rating:   | 80°C           |
| UL Temp Rating:       | 80°C           |
| Operating Temp Range: | -20°C To +80°C |

Mechanical Characteristics

|                             |              |
|-----------------------------|--------------|
| Bulk Cable Weight:          | 2 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 0.313 in     |

Standards

|                         |                |
|-------------------------|----------------|
| UL Rating:              | 300V RMS, 80°C |
| UL AWM Style:           | N/A            |
| CSA Rating:             | 300V RMS, 80°C |
| CSA Type:               | AWM I, A/B     |
| Military Specification: | 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          |
|--------------|-------------|------------|----------|--------------|
| 9975 010100  | Black       | Reel       | 100 ft   | 612825265528 |
| 9975 0101000 | Black       | Reel       | 1,000 ft | 612825265535 |
| 9975 0105000 | Black       | Reel       | 5,000 ft | 612825265542 |
| 9975 0131000 | Blue, Dark  | Reel       | 1,000 ft | 612825265559 |
| 9975 0011000 | Brown       | Reel       | 1,000 ft | 612825265405 |
| 9975 0081000 | Gray        | Reel       | 1,000 ft | 612825265504 |
| 9975 0051000 | Green, Dark | Reel       | 1,000 ft | 612825265481 |
| 9975 0031000 | Orange      | Reel       | 1,000 ft | 612825265467 |
| 9975 002100  | Red         | Reel       | 100 ft   | 612825265436 |
| 9975 0021000 | Red         | Reel       | 1,000 ft | 612825265443 |
| 9975 0025000 | Red         | Reel       | 5,000 ft | 612825265450 |
| 9975 0071000 | Violet      | Reel       | 1,000 ft | 612825265498 |
| 9975 0091000 | White       | Reel       | 1,000 ft | 612825265511 |
| 9975 0041000 | Yellow      | Reel       | 1,000 ft | 612825265474 |

|           |                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: 0.293 Revision Date: 04-28-2020 |
|----------------------|--------------------------------------------------|

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