



Product: [9975](#)

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

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (Solid) 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, wire wrap applications |
|------------------------|----------------------------------------------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size | Stranding | Material           |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 1               | 24   | Solid     | TC - Tinned Copper |

Insulation

| Material                 | Nom. Thickness    | Nom. Insulation Diameter |
|--------------------------|-------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.04 in (1.0 mm)         |

|                                   |                   |
|-----------------------------------|-------------------|
| Overall Cable Diameter (Nominal): | 0.040 in (1.0 mm) |
|-----------------------------------|-------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                               |
|--------------------|--------------------------------------------|
| 25.2 Ohm/1000ft    | Single conductor in free air @ 30°C: 3.5 A |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 80°C           | -20°C To +80°C |

Bend Radius

| Stationary Min.  | Installation Min. |
|------------------|-------------------|
| 0.16 in (4.1 mm) | 0.16 in (4.1 mm)  |

|                    |              |
|--------------------|--------------|
| Max. Pull Tension: | 5.1 lb       |
| Bulk Cable Weight: | 2 lbs/1000ft |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sustainability:                  | CA Prop 65                                                                                                                |
| Flammability / Reaction to Fire: | VW-1                                                                                                                      |
| AWM Compliance:                  | AWM 1061, CSA AWM I A/B                                                                                                   |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.479 Revision Date: 07-03-2024 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color       | Putup Type | Length   | UPC          | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9975 010100  | Black       | Reel       | 100 ft   | 612825265528 |          |
| 9975 0101000 | Black       | Reel       | 1,000 ft | 612825265535 | P        |
| 9975 0105000 | Black       | Reel       | 5,000 ft | 612825265542 | P        |
| 9975 0131000 | Blue, Dark  | Reel       | 1,000 ft | 612825265559 | P        |
| 9975 0011000 | Brown       | Reel       | 1,000 ft | 612825265405 | P        |
| 9975 0081000 | Gray        | Reel       | 1,000 ft | 612825265504 | P        |
| 9975 0051000 | Green, Dark | Reel       | 1,000 ft | 612825265481 | P        |
| 9975 0031000 | Orange      | Reel       | 1,000 ft | 612825265467 | P        |
| 9975 002100  | Red         | Reel       | 100 ft   | 612825265436 |          |
| 9975 0021000 | Red         | Reel       | 1,000 ft | 612825265443 | P        |
| 9975 0025000 | Red         | Reel       | 5,000 ft | 612825265450 | P        |
| 9975 0071000 | Violet      | Reel       | 1,000 ft | 612825265498 | P        |
| 9975 0091000 | White       | Reel       | 1,000 ft | 612825265511 | P        |
| 9975 0041000 | Yellow      | Reel       | 1,000 ft | 612825265474 | P        |

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