



Product: [39126](#)

Lead Wire, #26 Str TC, PPO Ins, AWM 11028

Request Sample

Product Description

Low Temp Plastic Lead Wire, 26AWG (7x34) Tinned Copper, PPO Insulation, AWM 11028 600V 105C VW-1

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers |
|------------------------|--|

Physical Characteristics (Overall)

| Conductor | | | |
|------------------|-----------|--------------------|-------------------|
| AWG | Stranding | Material | No. of Conductors |
| 26 | 7x34 | TC - Tinned Copper | 1 |
| Conductor Count: | | | 1 |

| Insulation | | |
|---------------------------|------------------|------------------------|
| Material | Nominal Diameter | Nominal Wall Thickness |
| PPO - Polyphenylene Oxide | 0.043 in | 0.012 in |

Electrical Characteristics

| Conductor DCR | |
|-----------------------|--|
| Nominal Conductor DCR | |
| 39.7 Ohm/1000ft | |

| Current | |
|--|--|
| Element | Max. Recommended Current [A] |
| Single Conductor in Free Air @ 30C Ambient | Single conductor in free air @ 30°C: 6.5 A |

| Voltage | |
|-------------------|--|
| UL Voltage Rating | |
| 600 V RMS | |

Temperature Range

| | |
|------------------------------|---------------------|
| UL Temperature Rating: | 105°C |
| Operating Temperature Range: | -40°C To +105°C Dry |

Mechanical Characteristics

| | |
|---------------------------------|----------------|
| Bulk Cable Weight: | 1.4 lbs/1000ft |
| Minimum Minor Axis Bend Radius: | 0.18 in |

Standards

| | |
|--------------------------|-----------|
| UL AWM Style Compliance: | AWM 11028 |
|--------------------------|-----------|

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: | 600 V RMS |

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|---------------|-------------|-------------|----------|--------------|
| 39126 010100 | Black | Reel | 100 ft | 612825150671 |
| 39126 0101000 | Black | Reel | 1,000 ft | 612825150688 |
| 39126 0105000 | Black | Reel | 5,000 ft | 612825150695 |
| 39126 013100 | Blue, Dark | Reel | 100 ft | 612825150701 |
| 39126 0131000 | Blue, Dark | Reel | 1,000 ft | 612825150718 |
| 39126 0135000 | Blue, Dark | Reel | 5,000 ft | 612825150725 |
| 39126 0035000 | Blue, Light | Reel | 5,000 ft | 612825150510 |
| 39126 001100 | Brown | Reel | 100 ft | 612825150435 |
| 39126 0011000 | Brown | Reel | 1,000 ft | 612825150442 |
| 39126 0015000 | Brown | Reel | 5,000 ft | 612825150459 |
| 39126 008100 | Gray | Reel | 100 ft | 612825150619 |
| 39126 0081000 | Gray | Reel | 1,000 ft | 612825150626 |
| 39126 0085000 | Gray | Reel | 5,000 ft | 612825150633 |
| 39126 005100 | Green, Dark | Reel | 100 ft | 612825150558 |
| 39126 0051000 | Green, Dark | Reel | 1,000 ft | 612825150565 |
| 39126 0055000 | Green, Dark | Reel | 5,000 ft | 612825150572 |
| 39126 0031000 | Orange | Reel | 1,000 ft | 612825150503 |
| 39126 002100 | Red | Reel | 100 ft | 612825150466 |
| 39126 0021000 | Red | Reel | 1,000 ft | 612825150473 |
| 39126 0025000 | Red | Reel | 5,000 ft | 612825150480 |
| 39126 007100 | Violet | Reel | 100 ft | 612825150589 |
| 39126 0071000 | Violet | Reel | 1,000 ft | 612825150596 |
| 39126 0075000 | Violet | Reel | 5,000 ft | 612825150602 |
| 39126 009100 | White | Reel | 100 ft | 612825150640 |
| 39126 0091000 | White | Reel | 1,000 ft | 612825150657 |
| 39126 0095000 | White | Reel | 5,000 ft | 612825150664 |
| 39126 004100 | Yellow | Reel | 100 ft | 612825150527 |
| 39126 0041000 | Yellow | Reel | 1,000 ft | 612825150534 |
| 39126 0045000 | Yellow | Reel | 5,000 ft | 612825150541 |

| | |
|-----------|--|
| Footnote: | C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |
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Product Notes

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| Notes: | Halogen-free. |
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History

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| Update and Revision: | Revision Number: 0.387 Revision Date: 02-03-2025 |
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