



**Product:** [39128](#)

Lead Wire, #28 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 28AWG (7x36) 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 |
|-----|-----------|--------------------|-------------------|
| 28  | 7x36      | TC - Tinned Copper | 1                 |

|                  |   |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

**Insulation**

| Material                  | Nominal Diameter | Nominal Wall Thickness |
|---------------------------|------------------|------------------------|
| PPO - Polyphenylene Oxide | 0.039 in         | 0.012 in               |

**Electrical Characteristics**

**Conductor DCR**

|                              |
|------------------------------|
| <b>Nominal Conductor DCR</b> |
| 59.25 Ohm/1000ft             |

**Current**

| Element                                    | Max. Recommended Current [A]        |
|--|-------------------------------------|
| Single conductor in free air @ 30C ambient | 5 Amps Single Conductor in Free Air |

**Voltage**

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 600 V                    |

**Temperature Range**

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

**Mechanical Characteristics**

|                    |              |
|--------------------|--------------|
| Bulk Cable Weight: | 1 lbs/1000ft |
|--------------------|--------------|

**Standards**

|                          |           |
|--------------------------|-----------|
| UL AWM Style Compliance: | AWM 11028 |
| Military Compliance:     | 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): | 2011-04-01                    |
| 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 |
|---------------|----|

## Part Number

### Variants

| Item #        | Color       | Putup Type | Length   | UPC          |
|---------------|-------------|------------|----------|--------------|
| 39128 010100  | Black       | Reel       | 100 ft   | 612825150978 |
| 39128 0101000 | Black       | Reel       | 1,000 ft | 612825150985 |
| 39128 0105000 | Black       | Reel       | 5,000 ft | 612825150992 |
| 39128 0135000 | Blue, Dark  | Reel       | 5,000 ft | 612825151029 |
| 39128 0011000 | Brown       | Reel       | 1,000 ft | 612825150749 |
| 39128 0015000 | Brown       | Reel       | 5,000 ft | 612825150756 |
| 39128 008100  | Gray        | Reel       | 100 ft   | 612825150916 |
| 39128 0081000 | Gray        | Reel       | 1,000 ft | 612825150923 |
| 39128 0085000 | Gray        | Reel       | 5,000 ft | 612825150930 |
| 39128 005100  | Green, Dark | Reel       | 100 ft   | 612825150855 |
| 39128 0055000 | Green, Dark | Reel       | 5,000 ft | 612825150879 |
| 39128 003100  | Orange      | Reel       | 100 ft   | 612825150794 |
| 39128 0031000 | Orange      | Reel       | 1,000 ft | 612825150800 |
| 39128 0035000 | Orange      | Reel       | 5,000 ft | 612825150817 |
| 39128 0025000 | Red         | Reel       | 5,000 ft | 612825150787 |
| 39128 0071000 | Violet      | Reel       | 1,000 ft | 612825150893 |
| 39128 0075000 | Violet      | Reel       | 5,000 ft | 612825150909 |
| 39128 009100  | White       | Reel       | 100 ft   | 612825150947 |
| 39128 0091000 | White       | Reel       | 1,000 ft | 612825150954 |
| 39128 0095000 | White       | Reel       | 5,000 ft | 612825150961 |
| 39128 004100  | Yellow      | Reel       | 100 ft   | 612825150824 |
| 39128 0045000 | Yellow      | Reel       | 5,000 ft | 612825150848 |

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

## Product Notes

|        |               |
|--------|---------------|
| Notes: | Halogen-free. |
|--------|---------------|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.289 Revision Date: 06-08-2020 |
|----------------------|--|

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#### Как с нами связаться

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