

# Product: 39110

## Lead Wire, #10 Str TC, PPO Ins, AWM 11028

Request Sample

### Product Description

Low Temp Plastic Lead Wire, 10AWG (105x30) 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 |

#### Construction Details

**Conductor**

| Element | No. of Elements | Size | Stranding | Material |
|---|---|---|---|---|
| Conductor(s) | 1 | 10 AWG | 105x30 | TC - Tinned Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|---|---|
| PPO - Polyphenylene Oxide | 0.012 in (0.30 mm) | 0.134 in (3.40 mm) |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.134 in (3.40 mm) |

#### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Max. Current |
|---|---|
| 1.05 Ohm/1000ft | Single conductor in free air @ 30ºC: 67 A |

**Voltage**

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

#### Mechanical Characteristics

**Temperature**

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

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 1.34 in (34.0 mm) | 1.34 in (34.0 mm) |

| | |
|---|---|
| Max. Pull Tension: | 99 lbs (45 kg) |
| Bulk Cable Weight: | 37 lbs/1000ft |

#### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor, Outdoor |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | AWM 11028 |

| | |
|---|---|
| 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) |

## Product Notes

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

## History

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|---|---|
| Update and Revision: | Revision Number: 0.493 Revision Date: 07-03-2024 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 39110 010100 | Black | Reel | 100 ft | 612825148128 | C |
| 39110 0101000 | Black | Reel | 1,000 ft | 612825148135 | C |
| 39110 0105000 | Black | Reel | 5,000 ft | 612825148142 | C |
| 39110 013100 | Blue, Dark | Reel | 100 ft | 612825148159 | C |
| 39110 0135000 | Blue, Dark | Reel | 5,000 ft | 612825148173 | C Z |
| 39110 001100 | Brown | Reel | 100 ft | 612825147886 | |
| 39110 0011000 | Brown | Reel | 1,000 ft | 612825147893 | C |
| 39110 0015000 | Brown | Reel | 5,000 ft | 612825147909 | C Z |
| 39110 008100 | Gray | Reel | 100 ft | 612825148067 | C |
| 39110 0085000 | Gray | Reel | 5,000 ft | 612825148081 | C Z |
| 39110 0051000 | Green, Dark | Reel | 1,000 ft | 612825148012 | C |
| 39110 0055000 | Green, Dark | Reel | 5,000 ft | 612825148029 | C Z |
| 39110 189100 | Green, Yellow Stripe | Reel | 100 ft | 612825148180 | C |
| 39110 1895000 | Green, Yellow Stripe | Reel | 5,000 ft | 612825148203 | C Z |
| 39110 003100 | Orange | Reel | 100 ft | 612825147947 | C |
| 39110 0035000 | Orange | Reel | 5,000 ft | 612825147961 | C Z |
| 39110 002100 | Red | Reel | 100 ft | 612825147916 | C |
| 39110 0021000 | Red | Reel | 1,000 ft | 612825147923 | C |
| 39110 0025000 | Red | Reel | 5,000 ft | 612825147930 | C |
| 39110 007100 | Violet | Reel | 100 ft | 612825148036 | C |
| 39110 0075000 | Violet | Reel | 5,000 ft | 612825148050 | C Z |
| 39110 009100 | White | Reel | 100 ft | 612825148098 | C |
| 39110 0095000 | White | Reel | 5,000 ft | 612825148111 | C Z |
| 39110 004100 | Yellow | Reel | 100 ft | 612825147978 | |
| 39110 0045000 | Yellow | Reel | 5,000 ft | 612825147992 | C Z |

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