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# Product: 8908

## Lead Wire, #8 Str TC, PVC Ins, AWM 1028 AWM 1015 AWM 1231

Request Sample

### Product Description

Low Temp Plastic Lead Wire, 8AWG (133x29) Tinned Copper, PVC Insulation, AWM 1028 AWM 1015 AWM 1231 CSA TYPE TEW 600V 105C

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire |

#### Physical Characteristics (Overall)

**Conductor**

| AWG | Stranding | Material | No. of Conductors |
|---|---|---|---|
| 8 | 133x29 | TC - Tinned Copper | 1 |

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

**Insulation**

| Material | Nominal Diameter | Nominal Wall Thickness |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.262 in | 0.048 in |

#### Electrical Characteristics

**Voltage**

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

#### Temperature Range

| | |
|---|---|
| Non-UL Temp Rating: | 105°C |
| UL Temp Rating: | 105°C |

#### Mechanical Characteristics

| | |
|---|---|
| Bulk Cable Weight: | 74 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 1.05 in |

#### Standards

| | |
|---|---|
| NEC Articles: | Article 310 |
| NEC/(UL) Compliance: | MTW or TW |
| UL AWM Style Compliance: | AWM 1015, AWM 1028, AWM 1231 |
| CSA Rating: | 600 V, 105°C |
| CSA AWM Compliance: | CSA AWM I A/B |
| CSA Type: | TEW or AWM I A/B |

#### 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, LS0H, 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 |
|---|---|---|---|---|
| 8908 010250 | Black | Reel | 250 ft | 612825217992 |
| 8908 0101500 | Black | Reel | 1,500 m | 612825217985 |
| 8908 013250 | Blue, Dark | Reel | 250 ft | 612825218005 |
| 8908 001250 | Brown | Reel | 250 ft | 612825217831 |
| 8908 0081500 | Gray | Reel | 1,500 m | 612825217930 |
| 8908 005250 | Green, Dark | Reel | 250 ft | 612825217916 |
| 8908 002250 | Red | Reel | 250 ft | 612825217886 |
| 8908 0071500 | Violet | Reel | 1,500 m | 612825217923 |
| 8908 004250 | Yellow | Reel | 250 ft | 612825217909 |
| 8908 0041500 | Yellow | Reel | 1,500 m | 612825217893 |

| | |
|---|---|
| Footnote: | C - CRATE REEL PUT-UP. |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.351 Revision Date: 12-15-2021 |

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