



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 |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size | Stranding | Material           |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 1               | 8    | 133x29    | TC - Tinned Copper |

Insulation

| Material                 | Nom. Thickness    | Nom. Insulation Diameter |
|--------------------------|-------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.048 in (1.2 mm) | 0.262 in (6.65 mm)       |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.262 in (6.65 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature |
|----------------|
| 105°C          |

Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 1.05 in (26.7 mm) | 1.05 in (26.7 mm) |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 213 lbs (96.6 kg) |
| Bulk Cable Weight: | 74 lbs/1000ft     |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sustainability:                  | CA Prop 65                                                                                                                |
| Flammability / Reaction to Fire: | VW-1                                                                                                                      |
| NEC / UL Compliance:             | Article 310, MTW or TW                                                                                                    |
| AWM Compliance:                  | AWM 1015, AWM 1028, AWM 1231, CSA AWM I A/B                                                                               |
| CEC / C(UL) Compliance:          | TEW                                                                                                                       |
| 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: 0.450 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color       | Putup Type | Length  | UPC          | Footnote |
|--------------|-------------|------------|---------|--------------|----------|
| 8908 010250  | Black       | Reel       | 250 ft  | 612825217992 | C        |
| 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 | C        |
| 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 |          |

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