



Product: [8910](#)

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 AWM 1230

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 10AWG (105x30) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 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 |
| 10               | 105x30    | TC - Tinned Copper | 1                 |
| Conductor Count: |           |                    | 1                 |

| Insulation               |                  |                        |
|--------------------------|------------------|------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.176 in         | 0.033 in               |

Electrical Characteristics

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

Temperature Range

|                              |                 |
|------------------------------|-----------------|
| Non-UL Temp Rating:          | 105°C           |
| UL Temp Rating:              | 105°C           |
| Operating Temperature Range: | -30°C To +105°C |

Mechanical Characteristics

|                              |                 |
|------------------------------|-----------------|
| Bulk Cable Weight:           | 44.1 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.71 in         |

Standards

|                          |                    |
|--------------------------|--------------------|
| NEC Articles:            | Article 310        |
| NEC/(UL) Compliance:     | MTW or TW          |
| UL AWM Style Compliance: | AWM 1015, AWM 1230 |
| CSA Rating:              | 600 V, 105°C       |
| CSA AWM Compliance:      | CSA AWM I A/B      |
| CSA Type:                | AWM I A/B or TEW   |

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      |
| CSA Flammability:  | FT1       |
| UL voltage rating: | 600 V RMS |

Related Part Numbers

Variants

| Item #       | Color       | Put-Up Type | Length   | UPC          |
|--------------|-------------|-------------|----------|--------------|
| 8910 010500  | Black       | Reel        | 500 ft   | 612825218258 |
| 8910 0102000 | Black       | Reel        | 2,000 ft | 612825218241 |
| 8910 013500  | Blue, Dark  | Reel        | 500 ft   | 612825218289 |
| 8910 0012000 | Brown       | Reel        | 2,000 ft | 612825218043 |
| 8910 005500  | Green, Dark | Reel        | 500 ft   | 612825218159 |
| 8910 002500  | Red         | Reel        | 500 ft   | 612825218098 |
| 8910 009500  | White       | Reel        | 500 ft   | 612825218197 |

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.367 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

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