



**Product:** [8910](#) 

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

 [Request Sample](#)

## Product Description

Low Temp Plastic Lead Wire, 10AWG (105x30) Tinned Copper, PVC Insulation, AWM 1015 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

| Non-UL Voltage Rating | UL Voltage Rating |
|-----------------------|-------------------|
| 600 V                 | 600 V             |

### Temperature Range

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

### Mechanical Characteristics

|                    |                 |
|--------------------|-----------------|
| Bulk Cable Weight: | 44.1 lbs/1000ft |
|--------------------|-----------------|

### Standards

|                          |                            |
|--------------------------|----------------------------|
| UL AWM Style Compliance: | MTW or TW or AWM 1015/1230 |
| CSA Rating:              | 600 V, 105°C               |
| CSA AWM Compliance:      | TEW or AWM I A/B           |
| CSA Type:                | AWM I A/B or TEW           |
| 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): | 2005-07-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL Flammability:   | VW-1      |
| CSA Flammability:  | FT1       |
| UL voltage rating: | 600 V RMS |

Part Number

Variants

| Item #       | Color       | Putup 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: 0.275 Revision Date: 06-15-2020 |
|----------------------|--------------------------------------------------|

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