



**Product:** [8920](#)

Lead Wire, #22 Str TC, PVC Ins, AWM 1015 AWM 1230

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) 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 |
|-----|-----------|--------------------|-------------------|
| 22  | 7x30      | TC - Tinned Copper | 1                 |

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

**Insulation**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.093 in         | 0.03 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: | 5.8 lbs/1000ft |
|--------------------|----------------|

**Standards**

|                          |                          |
|--------------------------|--------------------------|
| NEC Articles:            | Article 310              |
| NEC/(UL) Compliance:     | MTW                      |
| UL AWM Style Compliance: | UL AWM Styles 1015, 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 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                    |
| CA Prop 65:                           | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item #       | Color       | Putup Type | Length   | UPC          |
|--------------|-------------|------------|----------|--------------|
| 8920 010100  | Black       | Reel       | 100 ft   | 612825220688 |
| 8920 0101000 | Black       | Reel       | 1,000 ft | 612825220695 |
| 8920 0105000 | Black       | Reel       | 5,000 ft | 612825220701 |
| 8920 013100  | Blue, Dark  | Reel       | 100 ft   | 612825220732 |
| 8920 0131000 | Blue, Dark  | Reel       | 1,000 ft | 612825220749 |
| 8920 0011000 | Brown       | Reel       | 1,000 ft | 612825220466 |
| 8920 0081000 | Gray        | Reel       | 1,000 ft | 612825220619 |
| 8920 0051000 | Green, Dark | Reel       | 1,000 ft | 612825348047 |
| 8920 0031000 | Orange      | Reel       | 1,000 ft | 612825220534 |
| 8920 002100  | Red         | Reel       | 100 ft   | 612825220497 |
| 8920 0021000 | Red         | Reel       | 1,000 ft | 612825220503 |
| 8920 0025000 | Red         | Reel       | 5,000 ft | 612825220510 |
| 8920 0071000 | Violet      | Reel       | 1,000 ft | 612825220596 |
| 8920 009100  | White       | Reel       | 100 ft   | 612825220640 |
| 8920 0091000 | White       | Reel       | 1,000 ft | 612825220657 |
| 8920 004100  | Yellow      | Reel       | 100 ft   | 612825220558 |
| 8920 0041000 | Yellow      | Reel       | 1,000 ft | 612825220565 |

|           |                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Footnote: | C - CRATE REEL PUT-UP.                                                                                                                                                                                                            |
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.288 Revision Date: 07-26-2020 |
|----------------------|--------------------------------------------------|

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