



**Part Number:** 8916

Lead Wire, #14 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 14AWG (41x30) Tinned Copper, PVC Insulation, AWM 1015 CSA TYPE TEW JQA-F 600V 105C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 14  | 41x30     | TC - Tinned Copper | 1                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 14 AWG |

**Insulation**

| Material                 | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--------------------------|------------------|------------------------|-----------------------------|
| PVC - Polyvinyl Chloride | 0.138 in         | 0.0325 in              | 0.03 in                     |

**Outer Jacket Material**

| Material  | Nominal Diameter |
|-----------|------------------|
| No Jacket | 0.138 in         |

**Electrical Characteristics**

**Conductor DCR**

| Nominal Conductor DCR |
|-----------------------|
| 2.4 Ohm/1000ft        |

**Current**

| Element                                     | Max. Recommended Current [A]                        |
|---|---|
| Single conductor in free air @ 30C ambient. | Single conductor in free air @ 30C ambient. 39 amps |

**Voltage**

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

**Temperature Range**

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

**Mechanical Characteristics**

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 19 lbs/1000ft |
|--------------------|---------------|

**Standards**

|                         |              |
|-------------------------|--------------|
| NEC/(UL) Specification: | MTW or TW    |
| UL AWM Style:           | 1015, 1230   |
| CSA Rating:             | 600 V, 105°C |

|                         |                  |
|-------------------------|------------------|
| CSA AWM Specification:  | AWM I A/B        |
| CSA Type:               | AWM I A/B or TEW |
| Military Specification: | 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                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MIL Order #39 (China RoHS):           | Yes                           |

### Flammability, LS0H, Toxicity Testing

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

### Part Number

#### Variants

| Item #       | Color                | Footnote |
|--------------|----------------------|----------|
| 8916 010100  | Black                |          |
| 8916 0104000 | Black                | C        |
| 8916 010500  | Black                |          |
| 8916 013100  | Blue, Dark           |          |
| 8916 013500  | Blue, Dark           |          |
| 8916 001100  | Brown                |          |
| 8916 0014000 | Brown                | C P      |
| 8916 001500  | Brown                |          |
| 8916 008500  | Gray                 | P        |
| 8916 005100  | Green, Dark          |          |
| 8916 0054000 | Green, Dark          | C P      |
| 8916 005500  | Green, Dark          |          |
| 8916 189100  | Green, Yellow Stripe | A        |
| 8916 189500  | Green, Yellow Stripe | A        |
| 8916 003100  | Orange               |          |
| 8916 003500  | Orange               |          |
| 8916 002100  | Red                  |          |
| 8916 0024000 | Red                  | C P      |
| 8916 002500  | Red                  |          |
| 8916 007500  | Violet               | P        |
| 8916 009100  | White                |          |
| 8916 009500  | White                |          |
| 8916 004100  | Yellow               |          |
| 8916 004500  | Yellow               |          |

|           |   |
|-----------|---|
| 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'. |
| Footnote: | C - CRATE REEL PUT-UP.  |
| Footnote: | A - STOCKED STRIPE COLORS.  |

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