



**Product:** [34412](#)

Lead Wire, #12 Str TC, CSPE Ins, AWM 3191 CSA TYPE CL1053

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**Product Description**

Low Temp Rubber Lead Wire, 12AWG (65x30) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1053 600V 105C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 12  | 65x30     | TC - Tinned Copper | 1                 |

Conductor Count: 1

**Insulation**

| Material                              | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|---------------------------------------|------------------|------------------------|-----------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.19 in          | 0.0515 in              | 0.045 in                    |

**Electrical Characteristics**

**Voltage**

| UL Voltage Rating | Voltage Rating [V] |
|-------------------|--------------------|
| 600 V             | CSA - 300 V        |

**Temperature Range**

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

**Standards**

|                          |              |
|--------------------------|--------------|
| UL AWM Style Compliance: | 3191         |
| CSA Rating:              | 600 V, 105°C |
| CSA Type:                | CL1053       |
| 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): | 2004-01-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

**Flammability, LS0H, Toxicity Testing**

|                    |           |
|--------------------|-----------|
| UL voltage rating: | 600 V RMS |
|--------------------|-----------|

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #        | Color       | Putup Type | Length   | UPC          |
|---------------|-------------|------------|----------|--------------|
| 34412 010100  | Black       | Reel       | 100 ft   | 612825143888 |
| 34412 010500  | Black       | Reel       | 500 ft   | 612825143901 |
| 34412 0103000 | Black       | Reel       | 3,000 ft | 612825143895 |
| 34412 008500  | Gray        | Reel       | 500 ft   |              |
| 34412 005500  | Green, Dark | Reel       | 500 ft   | 612825143871 |
| 34412 002500  | Red         | Reel       | 500 ft   | 612825143864 |

|           |  |
|-----------|--|
| Footnote: | C - CRATE REEL PUT-UP.   |
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.                                       |
| Footnote: | I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.                                      |
| Footnote: | U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |

## Product Notes

|        |                                    |
|--------|------------------------------------|
| Notes: | Separator material over conductor. |
|--------|------------------------------------|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.266 Revision Date: 06-24-2020 |
|----------------------|--|

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