



**Product:** [35412](#)

Lead Wire, #12 Str TC, XLPO Ins, AWM 3436 CSA TYPE CL1251 AND AWM

[Request Sample](#)

**Product Description**  
Rubber Lead Wire, 12AWG (65x30) Tinned Copper, XLPO Insulation, AWM 3436 CSA TYPE CL1251 AND AWM 600V 150C

**Technical Specifications**

**Product Overview**

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| Suitable Applications: | high temperature, internal wiring of appliances and electronic equipments |
|------------------------|---------------------------------------------------------------------------|

**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 |
| XLP, XLPO, XLPE (Thermoset) | 0.153 in         | 0.033 in               |

**Electrical Characteristics**

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

**Temperature Range**

|                 |                       |
|-----------------|-----------------------|
| UL Temp Rating: | 150°C (125°C Flexing) |
|-----------------|-----------------------|

**Standards**

|                          |                     |
|--------------------------|---------------------|
| UL AWM Style Compliance: | AWM 3436, AWM 3321  |
| CSA Rating:              | 600 V, 125°C, 150°C |
| CSA AWM Compliance:      | CSA AWM I A         |
| CSA Type:                | CL1251, AWM         |
| 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 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) |
| MII Order #39 (China RoHS):                  | Yes                           |

Flammability, LS0H, Toxicity Testing

|                    |           |
|--------------------|-----------|
| CSA Flammability:  | FT2       |
| UL voltage rating: | 600 V RMS |

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item #        | Color | Put-Up Type                                                                                                                              | Length   | UPC          |
|---------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|
| 35412 0105000 | Black | Reel                                                                                                                                     | 5,000 ft | 612825144830 |
| Footnote:     |       | C - CRATE REEL PUT-UP., U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |          |              |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.351 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

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