



**Product:** [35418](#) 

Lead Wire, #18 Str TC, XLPO Ins, AWM 3436 CSA TYPE CL1251 AND AWM

 [Request Sample](#)

## Product Description

Rubber Lead Wire, 18AWG (16x30) Tinned Copper, XLPO Insulation, AWM 3436 CSA TYPE CL1251 AND AWM 600V 150C

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18  | 16x30     | TC - Tinned Copper | 1                 |

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

#### Insulation

| Material                     | Nominal Diameter | Nominal Wall Thickness |
|------------------------------|------------------|------------------------|
| XLPO, XLPO, XLPE (Thermoset) | 0.11 in          | 0.0315 in              |

### Electrical Characteristics

#### Voltage

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

### Temperature Range

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

### Standards

|                         |                     |
|-------------------------|---------------------|
| UL AWM Style:           | 3436, 3321          |
| CSA Rating:             | 600 V, 125°C, 150°C |
| CSA AWM Specification:  | CSA AWM I A         |
| CSA Type:               | CL1251, AWM         |
| 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 RoHS Compliance Date (yyyy-mm-dd): | 2005-10-13                    |
| MIL 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 |
|---------------|----|

Part Number

Variants

| Item #        | Color | Putup Type | Length   | UPC          |
|---------------|-------|------------|----------|--------------|
| 35418 010500  | Black | Reel       | 500 ft   | 612825144885 |
| 35418 0105000 | Black | Reel       | 5,000 ft | 612825144892 |
| 35418 009500  | White | Reel       | 500 ft   | 612825144878 |

|           |                                                                                                                  |
|-----------|------------------------------------------------------------------------------------------------------------------|
| Footnote: | U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |
| Footnote: | C - CRATE REEL PUT-UP.                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.269 Revision Date: 04-28-2020 |
|----------------------|--------------------------------------------------|

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### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

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