



**Part Number: 34418**

**Lead Wire, #18 Str TC, CSPE Ins, AWM 3191 CSA TYPE CL1053**

[Request Sample](#)

**Product Description**

Low Temp Rubber Lead Wire, 18AWG (16x30) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1053600V 105C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

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

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 18 AWG |

**Insulation**

| Material                              | Nominal Diameter | Nominal Wall Thickness |
|---------------------------------------|------------------|------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.142 in         | 0.048 in               |

**Outer Jacket Material**

| Material  | Nominal Diameter |
|-----------|------------------|
| No Jacket | 0.142 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:           | 3191         |
| CSA Rating:             | 600 V, 105°C |
| CSA Type:               | CL1053       |
| 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): | 2004-01-01 |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MII Order #39 (China RoHS):           | Yes        |

## Flammability, LSOH, Toxicity Testing

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

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #        | Color       | Footnote |
|---------------|-------------|----------|
| 34418 010100  | Black       |          |
| 34418 010500  | Black       | F        |
| 34418 0105000 | Black       | C I U Z  |
| 34418 013500  | Blue, Dark  | F        |
| 34418 0085000 | Gray        | C I U Z  |
| 34418 0055000 | Green, Dark | C I U Z  |
| 34418 002500  | Red         | F        |
| 34418 0025000 | Red         | C I U Z  |
| 34418 009500  | White       | F        |
| 34418 004500  | Yellow      | F        |

|           |  |
|-----------|--|
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.                                       |
| Footnote: | C - CRATE REEL PUT-UP.   |
| 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) |
| Footnote: | Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |

## Product Notes

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

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.