



Product: [34412](#)

Lead Wire, #12 Str TC, CSPE Ins, AWM 3191

Request Sample

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 | 0.052 in | 0.045 in |

Electrical Characteristics

Voltage

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

Temperature Range

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

Mechanical Characteristics

| | |
|--------------------------------|--------------------------|
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) |
| Bulk Cable Weight: | 35 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.76 in |

Standards

| | |
|--------------------------|-------------------|
| UL AWM Style Compliance: | UL AWM Style 3191 |
| CSA Rating: | 600 V, 105°C |
| CSA Type: | CL1053 |

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) |
| EU CE Mark: | Yes |
| CA Prop 65: | Yes |
| 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 | Put-Up 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., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |
|-----------|---|

Product Notes

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

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| Update and Revision: | Revision Number: 0.346 Revision Date: 08-27-2021 |
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