



Product: [36100](#)

Lead Wire, #2/0 Str TC, CSPE Ins, 5000V

Request Sample

Product Description

Low Temp Rubber Lead Wire, 2/0AWG (504x26) Tinned Copper, CSPE Insulation, 5000V

Technical Specifications

Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | high voltage applications, Class 130(B) motor lead systems, internal wiring of appliances, oil resistance applications |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 2/0 | 504x26    | TC - Tinned Copper | 1                 |

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

Insulation

| Material                              | Nominal Diameter | Nominal Wall Thickness |
|---------------------------------------|------------------|------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.801 in         | 0.165 in               |

Electrical Characteristics

Voltage

| Non-UL Voltage Rating |
|-----------------------|
| 5000 V RMS            |

Temperature Range

|                     |       |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
|---------------------|-------|

Mechanical Characteristics

|                              |                |
|------------------------------|----------------|
| Bulk Cable Weight:           | 631 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 12.02 in       |

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) |
| CA Prop 65:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |     |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item #      | Color | Put-Up Type | Length | UPC          |
|-------------|-------|-------------|--------|--------------|
| 36100 01050 | Black | Reel        | 50 ft  | 612825145400 |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

Product Notes

|        |   |
|--------|---|
| Notes: | Exact strand count may vary. Separator material over conductor. |
|--------|---|

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.355 Revision Date: 05-05-2023 |
|----------------------|--|

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