



Product: [36108](#)

Lead Wire, #8 Str TC, CSPE Ins, 5000V

Request Sample

Product Description

Low Temp Rubber Lead Wire, 8AWG (84x27) 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 |
|-----|-----------|--------------------|-------------------|
| 8   | 84x27     | TC - Tinned Copper | 1                 |

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

Insulation

| Material                              | Nominal Diameter | Nominal Wall Thickness |
|---------------------------------------|------------------|------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.48 in          | 0.156 in               |

Electrical Characteristics

Voltage

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

Temperature Range

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

Mechanical Characteristics

|                              |                |
|------------------------------|----------------|
| Bulk Cable Weight:           | 158 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 7.2 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          |
|--------------|-------|-------------|--------|--------------|
| 36108 010500 | Black | Reel        | 500 ft | 612825145462 |

|           |                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------|
| Footnote: | C - CRATE REEL PUT-UP., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
|-----------|----------------------------------------------------------------------------------------------------|

Product Notes

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.357 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

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