



Product: [37103](#)

Lead Wire, #3 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 3AWG (133x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Physical Characteristics (Overall)

| Conductor        |           |                    |                   |
|------------------|-----------|--------------------|-------------------|
| AWG              | Stranding | Material           | No. of Conductors |
| 3                | 133x24    | TC - Tinned Copper | 1                 |
| Conductor Count: |           |                    | 1                 |

| Insulation                              |                  |                        |
|-----------------------------------------|------------------|------------------------|
| Material                                | Nominal Diameter | Nominal Wall Thickness |
| EPDM - Ethylene Propylene Diene Monomer | 0.474 in         | 0.084 in               |

Electrical Characteristics

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

Temperature Range

|                 |       |
|-----------------|-------|
| UL Temp Rating: | 150°C |
|-----------------|-------|

Mechanical Characteristics

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight:             | 227 lbs/1000ft                                     |
| Min. Bend Radius/Minor Axis:   | 1.9 in                                             |

Standards

|                          |                    |
|--------------------------|--------------------|
| UL AWM Style Compliance: | AWM 3340, AWM 3374 |
| CSA Rating:              | 600 V, 125°C       |
| CSA Type:                | CL1254             |

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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item #       | Color | Put-Up Type | Length | UPC          |
|--------------|-------|-------------|--------|--------------|
| 37103 010100 | Black | Reel        | 100 ft | 612825146681 |
| 37103 010250 | Black | Reel        | 250 ft | 612825146698 |

|           |                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------|
| 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: 0.368 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

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