



Product: [37102](#)

Lead Wire, #2 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 2AWG (163x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | Class 130(B), 155(F) and also in some 180(H) motor lead systems, high temperature, internal wiring of appliances |
|------------------------|--|

Construction Details

Conductor

| Element      | No. of Elements | Size  | Stranding | Material           |
|--------------|-----------------|-------|-----------|--------------------|
| Conductor(s) | 1               | 2 AWG | 163x24    | TC - Tinned Copper |

Insulation

| Material   | Nom. Thickness    | Nom. Insulation Diameter |
|--|-------------------|--------------------------|
| EPDM - Ethylene Propylene Diene Monomer              | 0.088 in (2.2 mm) | 0.494 in (12.5 mm)       |
| Overall Cable Diameter (Nominal): 0.494 in (12.5 mm) |                   |                          |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                   |
|--------------------|--------------------------------|
| 0.172 Ohm/1000ft   | 256 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating          |
|----------------------------|
| 600 V (AWM 3340, AWM 3374) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating       |
|----------------|-----------------|
| 150°C          | -55°C To +150°C |

Bend Radius

| Stationary Min.                | Installation Min.                                  |
|--------------------------------|--|
| 4.94 in (125 mm)               | 4.94 in (125 mm)                                   |
| Max. Pull Tension:             | 824.6 lbs (374.0 kg)                               |
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight:             | 276 lbs/1000ft                                     |

Standards and Compliance

|                                  |                  |
|----------------------------------|------------------|
| Environmental Suitability:       | Indoor, Outdoor  |
| Sustainability:                  | CA Prop 65       |
| Flammability / Reaction to Fire: | Horizontal flame |

|                                |   |
|--------------------------------|---|
| AWM Compliance:                | AWM 3340, AWM 3374  |
| CEC / C(UL) Compliance:        | CL-1254   |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)   |

Product Notes

|        |                                      |
|--------|--------------------------------------|
| Notes: | Separator Material over Conductor: Y |
|--------|--------------------------------------|

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.487 Revision Date: 01-20-2023 |
|----------------------|--|

Part Numbers

Variants

| Item #        | Color | Putup Type | Length   | UPC          | Footnote |
|---------------|-------|------------|----------|--------------|----------|
| 37102 010100  | Black | Reel       | 100 ft   | 612825146650 | C        |
| 37102 010250  | Black | Reel       | 250 ft   | 612825146674 | C F      |
| 37102 0101000 | Black | Reel       | 1,000 ft | 612825146667 | C        |

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