## Product: 37100 ⧉

# Lead Wire, #2/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

**⁑ Request Sample**

## Product Description

Rubber Lead Wire, 2/0AWG (504x26) 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**

| Size | Stranding | Material |
|---|---|---|
| 2/0 | 504x26 | TC - Tinned Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|---|---|
| EPDM - Ethylene Propylene Diene Monomer | 0.106 in (2.69 mm) | 0.683 in (17.3 mm) |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.683 in (17.3 mm) |

### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Max. Current |
|---|---|
| 0.08 Ohm/1000ft (0.26 Ohm/km) | Single conductor in free air @ 30ºC: 390 A |

**Voltage**

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

### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 125°C Flexing, 150°C Stationary | -55°C To +150°C |

| | |
|---|---|
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight: | 538 lbs/1000ft (801 kg/km) |

### Standards and Compliance

| | |
|---|---|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | Horizontal |
| AWM Compliance: | UL AWM Styles 3340, 3374 |
| CEC / C(UL) Compliance: | CL-1254 |
| European Directive Compliance: | EU CE Mark, 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: | Exact strand count may vary. Separator tape over conductor. |
|---|---|

## History

| Update and Revision: | Revision Number: 0.382 Revision Date: 12-15-2021 |
|---|---|

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