



Product: [37130](#)

Lead Wire, #3/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 3/0AWG (630x26) 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 | Number of Element | Size | Stranding | Material |
|--------------|-------------------|---------|-----------|--------------------|
| Conductor(s) | 1 | 3/0 AWG | 630x26 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|--------------------|--------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.111 in (2.82 mm) | 0.758 in (19.3 mm) |
| Overall Cable Diameter (Nominal): | 0.758 in (19.3 mm) | |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|----------------------------------|
| 0.0724 Ohm/1000ft | 460.8 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. |
|--------------------------------|--|
| 7.58 in (193 mm) | 7.58 in (193 mm) |
| Max. Pull Tension: | 2178 lbs (987.9 kg) |
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight: | 660 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: | Exact strand count may vary. Separator material over conductor. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.460 Revision Date: 01-20-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------|------------|--------|--------------|
| 37130 01050 | Black | Reel | 50 ft | 612825147091 |
| 37130 010250 | Black | Reel | 250 ft | 612825147084 |
| 37130 010500 | Black | Reel | 500 ft | 612825147107 |

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