



Product: [37106](#)

Lead Wire, #6 Str TC, EPDM Ins, AWM 3340 AWM 3374

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Product Description

Rubber Lead Wire, 6AWG (84x25) 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 |
|------|-----------|--------------------|
| 6 | 84x25 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|-------------------|--------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.088 in (2.2 mm) | 0.383 in (9.73 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.383 in (9.73 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|------------------------------|--|
| 0.40 Ohm/1000ft (1.3 Ohm/km) | Single conductor in free air @ 30°C: 155 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: | 132 lbs/1000ft (196 kg/km) |
|--------------------|----------------------------|

Standards and Compliance

| | |
|--------------------------------|---|
| Sustainability: | CA Prop 65 |
| AWM Compliance: | UL AWM Styles 3340, 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: 0.384 Revision Date: 12-15-2021 |
|----------------------|--|

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