



Product: [37508](#)

Lead Wire, #8 Str TC, EPDM Ins, AWM 3499

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Product Description

Rubber Lead Wire, 8AWG (84x27) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | internal wiring of appliances, high voltage and high temperature applications |
|------------------------|---|

Construction Details

Conductor

| Size | Stranding | Material |
|------|-----------|--------------------|
| 8 | 84x27 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|--------------------|--------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.131 in (3.33 mm) | 0.423 in (10.7 mm) |
| Overall Cable Diameter (Nominal): | 0.423 in (10.7 mm) | |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|------------------------------|--|
| 0.64 Ohm/1000ft (2.1 Ohm/km) | Single conductor in free air @ 30°C: 106 A |

Voltage

| UL Voltage Rating |
|-------------------|
| 7500 V RMS |

Mechanical Characteristics

Temperature

| UL Temperature | |
|--------------------------------|--|
| 150°C | |
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight: | 120.9 lbs/1000ft (179.9 kg/km) |

Standards and Compliance

| | |
|--------------------------------|---|
| Sustainability: | CA Prop 65 |
| AWM Compliance: | UL AWM Style 3499 |
| 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: 0.363 Revision Date: 12-15-2021 |
|----------------------|--|

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