



Product: [37540](#)

Lead Wire, #4/0 Str TC, EPDM Ins, AWM 3499

Request Sample

Product Description

Rubber Lead Wire, 4/0AWG (805x26) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | internal wiring of appliances and ballast leads |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|---------|-----------|--------------------|
| Conductor(s) | 1 | 4/0 AWG | 805x26 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|--------------------|--------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.129 in (3.28 mm) | 0.909 in (23.1 mm) |
| Overall Cable Diameter (Nominal): | 0.909 in (23.1 mm) | |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|----------------------------------|
| 0.0574 Ohm/1000ft | 531.2 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 7500 V (AWM 3499) |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|--------------------------------|--|
| 9.09 in (231 mm) | 9.09 in (231 mm) |
| Max. Pull Tension: | 2648 lbs (1201 kg) |
| Recommended Max Baking Cycles: | 24 Hours @ 350°F (177°C) ~ 4 Hours @ 375°F (190°C) |
| Bulk Cable Weight: | 890 lbs/1000ft |

Standards and Compliance

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

| | |
|--------------------------------|---|
| AWM Compliance: | AWM 3499 |
| 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

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|--------|------------------------------|
| Notes: | Exact strand count may vary. |
|--------|------------------------------|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.491 Revision Date: 01-20-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------|------------|--------|--------------|
| 37540 01050 | Black | Reel | 50 ft | 612825147428 |
| 37540 010250 | Black | Reel | 250 ft | 612825147411 |
| 37540 010500 | Black | Reel | 500 ft | 612825147435 |

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