



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 |
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Construction Details

Conductor

| Element | No. of Elements | 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) |
| 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. |
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History

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| Update and Revision: | Revision Number: 0.494 Revision Date: 09-07-2025 |
|----------------------|--|

Part Numbers

Variants

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

| | |
|-----------|--|
| Footnote: | C - CRATE REEL PUT-UP., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
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