



Product: [37530](#)

Lead Wire, #3/0 Str TC, EPDM Ins, AWM 3499 7500V

[Request Sample](#)

Product Description

Rubber Lead Wire, 3/0AWG (630x26) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 3/0 | 630x26 | TC - Tinned Copper | 1 |

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|---|------------------|------------------------|-----------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.813 in | 0.137 in | 0.125 in |
| EPDM - Ethylene Propylene Diene Monomer | | | |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 0.065 Ohm/1000ft |

Current

| Element | Max. Recommended Current [A] |
|--|---------------------------------------|
| Single conductor in free air @ 30C ambient | 451 Amps Single Conductor in Free Air |

Voltage

| UL Description | UL Voltage Rating |
|----------------|-------------------|
| UL AWM 3499 | 7500 V |

Temperature Range

| | |
|-----------------------|-----------------|
| UL Temp Rating: | 150°C |
| Operating Temp Range: | -55°C To +150°C |

Mechanical Characteristics

| | |
|--------------------|----------------|
| Bulk Cable Weight: | 700 lbs/1000ft |
|--------------------|----------------|

Standards

| | |
|--------------------------|------|
| UL AWM Style Compliance: | 3499 |
| Military Compliance: | N/A |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|------------|
| UL voltage rating: | 7500 V RMS |
|--------------------|------------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------|------------|--------|--------------|
| 37530 01050 | Black | Reel | 50 ft | 612825147398 |
| 37530 010250 | Black | Reel | 250 ft | 612825147381 |

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

Product Notes

| | |
|--------|---|
| Notes: | Exact strand count may vary. Separator material over conductor. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.278 Revision Date: 06-15-2020 |
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Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.