



Part Number: 37540

Lead Wire, #4/0 Str TC, EPDM Ins, AWM 3499 7500V

 [Request Sample](#)

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 4/0 | 805x26 | TC - Tinned Copper | 1 |

| | |
|------------------|---------|
| Conductor Count: | 1 |
| Conductor Size: | 4/0 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--|------------------|------------------------|-----------------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | 0.909 in | 0.129 in | 0.125 in |
| EPDM - Ethylene Propylene Diene Monomer Rubber | | | |

Outer Jacket Material

| Material |
|-----------|
| No Jacket |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 0.05 Ohm/1000ft |

Current

| Element | Max. Recommended Current [A] |
|---|---|
| Single conductor in free air @ 30C ambient. | Single conductor in free air @ 30C: 529 A |

Voltage

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

Temperature Range

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

Mechanical Characteristics

| | |
|--------------------|----------------|
| Bulk Cable Weight: | 890 lbs/1000ft |
|--------------------|----------------|

Standards

| | |
|-------------------------|------|
| UL AWM Style: | 3499 |
| Military Specification: | 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 CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

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

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.280 Revision Date: 01-15-2019 |
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