



**Part Number: 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**

**Physical Characteristics (Overall)**

**Conductor**

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

|                  |         |
|------------------|---------|
| Conductor Count: | 1       |
| Conductor Size:  | 3/0 AWG |

**Insulation**

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

**Outer Jacket Material**

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

**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                     |

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

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #       | Color | Footnote |
|--------------|-------|----------|
| 37530 010250 | Black | C F      |
| 37530 01050  | Black | C        |

|           |  |
|-----------|--|
| 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. |
|--------|---|

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.