



**Part Number: 37500**

Hook-Up/Lead Wire UL AWM Style 3499, (1) 2/0 AWG (504x26) TC, EPDM, 7500V, 150°C

[Request Sample](#)

## Product Description

One 2/0 AWG stranded (504x26) tinned copper conductors, EPDM insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 2/0 | 504x26    | TC - Tinned Copper | 1                 |

|                  |         |
|------------------|---------|
| Conductor Count: | 1       |
| Conductor Size:  | 2/0 AWG |

#### Insulation

| Material                                       | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--|------------------|------------------------|-----------------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | 0.753 in         | 0.125 in               | 0.125 in                    |
| EPDM - Ethylene Propylene Diene Monomer Rubber |                  |                        |                             |

#### Outer Jacket Material

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

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 0.08 Ohm/1000ft       |

|            |            |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

#### Current

| Element                                    | Max. Recommended Current [A]              |
|--|---|
| Single conductor in free air @ 30C ambient | Single conductor in free air @ 30C: 390 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: | 562 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, LSOH, Toxicity Testing

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

### Plenum/Non-Plenum

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

### Part Number

#### Variants

| Item #       | Color | Footnote |
|--------------|-------|----------|
| 37500 010250 | Black | C F      |
| 37500 01050  | Black | C        |
| 37500 010500 | Black | C F      |

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

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