



**Part Number: 37502**

Lead Wire, #2 Str TC, EPDM Ins, AWM 3499 7500V

[Request Sample](#)

**Product Description**

Rubber Lead Wire, 2AWG (163x24) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
2	163x24	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	2 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.581 in	0.131 in	0.125 in
EPDM - Ethylene Propylene Diene Monomer Rubber			

**Outer Jacket Material**

Material	Nominal Diameter
No Jacket	0.581 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
0.16 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C ambient 255 amps

**Voltage**

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

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	317 lbs/1000ft
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**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 UL AWM 3499
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
37502 0101000	Black	612825147268	1,000 ft	C F
37502 01050	Black	612825147275	50 ft	C
37502 010500	Black	612825147282	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:	Separartor Material over Conductor: Y
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## History

Update and Revision:	Revision Number: 0.274 Revision Date: 01-15-2019
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