


**Product: [37501](#)**
**Lead Wire, #1 Str TC, EPDM Ins, AWM 3499**
[Request Sample](#)
**Product Description**

Rubber Lead Wire, 1AWG (210x24) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

**Technical Specifications**
**Product Overview**

Suitable Applications:	internal wiring of appliances, high voltage and high temperature applications
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	1 AWG	210x24	TC - Tinned Copper

**Insulation**

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.131 in (3.33 mm)	0.638 in (16.2 mm)

Overall Cable Diameter (Nominal): 0.638 in (16.2 mm)

**Electrical Characteristics**
**Electricals**

Nom. Conductor DCR	Max. Current
0.143 Ohm/1000ft	297.6 Amps per Conductor at 30°C

**Voltage**

UL Voltage Rating
7500 V (AWM 3499)

**Mechanical Characteristics**
**Temperature**

UL Temperature	Operating
150°C	-55°C To +150°C

**Bend Radius**

Stationary Min.	Installation Min.
6.38 in (162 mm)	6.38 in (162 mm)

Max. Pull Tension: 1085 lbs (492.1 kg)

Bulk Cable Weight: 391 lbs/1000ft

**Standards and Compliance**

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame
AWM Compliance:	AWM 3499

European Directive Compliance: EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

APAC Compliance: China RoHS II (GB/T 26572-2011)

## Product Notes

Notes: Separator material over conductor.

## History

Update and Revision: Revision Number: 0.483 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37501 01050	Black	Reel	50 ft	612825147244	C
37501 010500	Black	Reel	500 ft	612825147251	C F

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

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