



Product: [37540](#)

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

[Request Sample](#)

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of appliances and ballast leads
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	1
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Insulation

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

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.052 Ohm/1000ft

Current

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

Voltage

UL Voltage Rating
7500 V RMS

Temperature Range

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

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 350°F (177°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	890 lbs/1000ft
Min. Bend Radius/Minor Axis:	3.64 in

Standards

UL AWM Style Compliance:	UL AWM Style 3499
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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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	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
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
37540 01050	Black	Reel	50 ft	612825147428
37540 010250	Black	Reel	250 ft	612825147411
37540 010500	Black	Reel	500 ft	612825147435

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

Product Notes

Notes:	Exact strand count may vary.
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History

Update and Revision:	Revision Number: 0.379 Revision Date: 08-27-2021
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