



Product: [37190](#) 

Lead Wire, #1/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

 [Request Sample](#)

Product Description

Rubber Lead Wire, 1/0AWG (262x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) and also in some 180(H) motor lead systems, high temperature, internal wiring of appliances
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
1/0	262x24	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	0.633 in	0.104 in	0.095 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.1 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30°C: 339 A

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	125°C Flexing, 150°C Stationary
Operating Temp Range:	-55°C To +150°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	433 lbs/1000ft
Min. Bend Radius/Minor Axis:	2.54 in

Standards

UL AWM Style Compliance:	UL AWM Styles 3340, 3374
CSA Rating:	600 V, 125°C

CSA Type:	CL1254
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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, LSOH, Toxicity Testing

UL Flammability:	Horizontal
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
37190 01050	Black	Reel	50 ft	612825147176
37190 010100	Black	Reel	100 ft	612825147152
37190 010250	Black	Reel	250 ft	612825147169
37190 010500	Black	Reel	500 ft	612825147183

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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Product Notes

Notes:	Separator tape over conductor.
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History

Update and Revision:	Revision Number: 0.382 Revision Date: 08-27-2021
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