



Product: [37140](#) 

Lead Wire, #4/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

 [Request Sample](#)

Product Description

Rubber Lead Wire, 4/0AWG (805x26) 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
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	0.849 in	0.099 in	0.095 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.05 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
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:	827 lbs/1000ft
Min. Bend Radius/Minor Axis:	3.4 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
37140 01050	Black	Reel	50 ft	612825147121
37140 010250	Black	Reel	250 ft	612825147114
37140 010500	Black	Reel	500 ft	612825147138

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:	Exact strand count may vary. Separator tape over conductor.
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History

Update and Revision:	Revision Number: 0.376 Revision Date: 08-27-2021
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