



Part Number: 37100

Lead Wire, #2/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

[Request Sample](#)

Product Description

Rubber Lead Wire, 2/0AWG (504x26) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Product Overview

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

Conductor

AWG	Stranding	Material	No. of Conductors
2/0	504x26	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	2/0 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.683 in	0.106 in	0.095 in
EPDM - Ethylene Propylene Diene Monomer Rubber			

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.08 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient.	Single conductor in free air @ 30C: 390 A

Voltage

UL Description	UL Voltage Rating
UL AWM 3340	600 V RMS
UL AWM 3374	600 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	538 lbs/1000ft
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Min Bend Radius/Minor Axis:	6.8 in
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Standards

UL AWM Style:	UL Style 3340, UL Style 3374
CSA Rating:	600 V, 125°C
CSA Type:	CL1254
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 CE Mark:	Yes
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, 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	UPC	Length	Footnote
37100 010100	Black	612825146582	100 ft	C
37100 010250	Black	612825146599	250 ft	C F
37100 01050	Black	612825146605	50 ft	C
37100 010500	Black	612825146612	500 ft	C

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

Update and Revision:	Revision Number: 0.279 Revision Date: 01-15-2019
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