



**Part Number: 37100**

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

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**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	Footnote
37100 010100	Black	C
37100 010250	Black	C F
37100 01050	Black	C
37100 010500	Black	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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