



Product: [37101](#)

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

Request Sample

### Product Description

Rubber Lead Wire, 1AWG (210x24) 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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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	1 AWG	210x24	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.104 in (2.64 mm)	0.583 in (14.8 mm)
Overall Cable Diameter (Nominal):	0.583 in (14.8 mm)	

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
0.143 Ohm/1000ft	297.6 Amps per Conductor at 30°C

##### Voltage

UL Voltage Rating
600 V (AWM 3340, AWM 3374)

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
150°C	-55°C To +150°C

##### Bend Radius

Stationary Min.	Installation Min.
5.83 in (148 mm)	5.83 in (148 mm)
Max. Pull Tension:	1085 lbs (492.1 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	360 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame

AWM Compliance:	AWM 3340, AWM 3374
CEC / C(UL) Compliance:	CL-1254
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	Separator Material over Conductor: Y
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## History

Update and Revision:	Revision Number: 0.489 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
37101 010100	Black	Reel	100 ft	612825146629
37101 010250	Black	Reel	250 ft	612825146643
37101 0101000	Black	Reel	1,000 ft	612825146636

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