



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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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	1/0 AWG	262x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.104 in (2.64 mm)	0.633 in (16.1 mm)

Overall Cable Diameter (Nominal):	0.633 in (16.1 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.113 Ohm/1000ft	344 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.
6.33 in (161 mm)	6.33 in (161 mm)

Max. Pull Tension:	1321 lbs (599.2 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	433 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 tape over conductor.
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History

Update and Revision:	Revision Number: 0.492 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup 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

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