



Product: [37106](#)

Lead Wire, #6 Str TC, EPDM Ins, AWM 3340 AWM 3374

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Product Description
Rubber Lead Wire, 6AWG (84x25) 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	No. of Elements	Size	Stranding	Material
Conductor(s)	1	6 AWG	84x25	TC - Tinned Copper

Insulation		
Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.088 in (2.2 mm)	0.383 in (9.73 mm)
Overall Cable Diameter (Nominal): 0.383 in (9.73 mm)		

Electrical Characteristics

Electricals	
Nom. Conductor DCR	Max. Current
0.446 Ohm/1000ft	153.6 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.
3.83 in (97.3 mm)	3.83 in (97.3 mm)

Max. Pull Tension:	304 lbs (138 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	132 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 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: 0.492 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37106 010100	Black	Reel	100 ft	612825146742	
37106 010250	Black	Reel	250 ft	612825146759	F
37106 010500	Black	Reel	500 ft	612825146773	C F
37106 0102500	Black	Reel	2,500 ft	612825146766	C

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