



**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)
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### 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)
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: 0.493 Revision Date: 09-07-2025
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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

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. C - CRATE REEL PUT-UP.
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