



**Product:** [37118](#)

Lead Wire, #18 Str TC, EPDM Ins, AWM 3340 AWM 3374

[Request Sample](#)

**Product Description**  
Rubber Lead Wire, 18AWG (16x30) 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	18 AWG	16x30	TC - Tinned Copper

Insulation		
Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.048 in (1.2 mm)	0.141 in (3.58 mm)
Overall Cable Diameter (Nominal): 0.141 in (3.58 mm)		

**Electrical Characteristics**

Electricals	
Nom. Conductor DCR	Max. Current
7.06 Ohm/1000ft	27.2 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.
1.41 in (35.8 mm)	1.41 in (35.8 mm)

Max. Pull Tension:	20.8 lbs (9.43 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	13 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)

History

Update and Revision:	Revision Number: 0.478 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37118 010500	Black	Reel	500 ft	612825147053	F
37118 0105000	Black	Reel	5,000 ft	612825147060	C I Z
37118 0135000	Blue, Dark	Reel	5,000 ft	612825147077	C I Z
37118 005500	Green, Dark	Reel	500 ft	612825147022	F
37118 002500	Red	Reel	500 ft	612825147008	F
37118 0025000	Red	Reel	5,000 ft	612825147015	C I Z
37118 009500	White	Reel	500 ft	612825147039	F
37118 0095000	White	Reel	5,000 ft	612825147046	C I Z

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