

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

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 30ºC

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: 0.479 Revision Date: 07-03-2024

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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