

Product: 37140

Lead Wire, #4/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 4/0AWG (805x26) 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	4/0 AWG	805x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.099 in (2.5 mm)	0.849 in (21.6 mm)

Overall Cable Diameter (Nominal):	0.849 in (21.6 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.0574 Ohm/1000ft	531.2 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.
8.49 in (216 mm)	8.49 in (216 mm)

Max. Pull Tension:	2648 lbs (1201 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	827 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:	Exact strand count may vary. Separator tape over conductor.

History

Update and Revision:	Revision Number: 0.486 Revision Date: 01-20-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37140 01050	Black	Reel	50 ft	612825147121	C
37140 010250	Black	Reel	250 ft	612825147114	C F
37140 010500	Black	Reel	500 ft	612825147138	C

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