Product: 37100

Lead Wire, #2/0 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 2/0AWG (504x26) 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

Size	Stranding	Material
2/0	504x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.106 in (2.69 mm)	0.683 in (17.3 mm)

Overall Cable Diameter (Nominal):	0.683 in (17.3 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.08 Ohm/1000ft (0.26 Ohm/km)	Single conductor in free air @ 30ºC: 390 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
125°C Flexing, 150°C Stationary	-55°C To +150°C

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	538 lbs/1000ft (801 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal
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: 0.382 Revision Date: 12-15-2021

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
37100 01050	Black	Reel	50 ft	612825146605
37100 010100	Black	Reel	100 ft	612825146582
37100 010250	Black	Reel	250 ft	612825146599
37100 010500	Black	Reel	500 ft	612825146612

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