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Product: 37590

Lead Wire, #1/0 Str TC, EPDM Ins, AWM 3499

Request Sample

Product Description

Rubber Lead Wire, 1/0AWG (262x24) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of appliances, high voltage and high temperature applications

Construction Details

Conductor

Size	Stranding	Material
1/0	262x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.131 in (3.33 mm)	0.688 in (17.5 mm)

Overall Cable Diameter (Nominal):	0.688 in (17.5 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.1 Ohm/1000ft (0.33 Ohm/km)	Single conductor in free air @ 30ºC: 339 A

Voltage

UL Voltage Rating
7500 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
150°C	-55°C To +150°C

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	465 lbs/1000ft (692 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3499
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: Yes

History

Update and Revision:	Revision Number: 0.373 Revision Date: 12-15-2021

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
37590 01050	Black	Reel	50 ft	612825147459
37590 010250	Black	Reel	250 ft	612825147442
37590 010500	Black	Reel	500 ft	612825147466

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