



REPRESENTATIVE IMAGE

Product: [30802](#)

Lead Wire, #2 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3125

Request Sample

Product Description

Rubber Lead Wire, 2AWG (163x24) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3125 CSA SEW-2 600V 200C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications
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Construction Details

Conductor

Size	Stranding	Material
2	163x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness
Silicone Rubber	0.069 in (1.8 mm)

Outer Jacket

Material	Nom. Diameter
Lacquered Glass Braid Covering	0.496 in (12.6 mm)

Overall Cable Diameter (Nominal):	0.496 in (12.6 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.16 Ohm/1000ft (0.52 Ohm/km)	Single conductor in free air @ 30°C: 293 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
200°C	-70°C To +200°C

Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	298 lbs/1000ft (443 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal, FT1
AWM Compliance:	AWM 3125
CEC / C(UL) Compliance:	SEW-2

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)

History

Update and Revision:	Revision Number: 0.386 Revision Date: 12-15-2021
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
30802 010250	Black	Reel	250 ft	612825140542
30802 009250	White	Reel	250 ft	612825140535

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