



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

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	2 AWG	163x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
Silicone Rubber	0.069 in (1.8 mm)	0.457 in (11.6 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
0.180 Ohm/1000ft	273.6 Amps per Conductor at 30°C

Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 3125)	600 V (CSA SEW-2)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
4.96 in (126 mm)	4.96 in (126 mm)

Max. Pull Tension:	824.6 lbs (374.0 kg)
Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	278 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
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: 0.498 Revision Date: 07-03-2024
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Part Numbers

Variants

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

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