



Product: [30804](#)

Lead Wire, #4 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3125

Request Sample

Product Description

Rubber Lead Wire, 4AWG (105x24) 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	4 AWG	105x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
Silicone Rubber	0.063 in (1.6 mm)	0.390 in (9.91 mm)

Outer Jacket

Material	Nom. Diameter
Lacquered Glass Braid Covering	0.424 in (10.8 mm)

Overall Cable Diameter (Nominal):	0.424 in (10.8 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.279 Ohm/1000ft	200 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.
4.24 in (108 mm)	4.24 in (108 mm)

Max. Pull Tension:	532 lbs (241 kg)
Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	189 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: 0.491 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
30804 010250	Black	Reel	250 ft	612825140566	C F
30804 009250	White	Reel	250 ft	612825140559	C F

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