



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	Number of Element	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
Flammability / Reaction to Fire:	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: 0.489 Revision Date: 01-20-2023
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## Part Numbers

### Variants

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

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