

Product: 30890

Lead Wire, #1/0 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3126

Request Sample

Product Description

Rubber Lead Wire, 1/0AWG (262x24) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3126 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	1/0 AWG	262x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
Silicone Rubber	0.080 in (2.0 mm)	0.594 in (15.1 mm)

Outer Jacket

Material	Nom. Diameter
Lacquered Glass Braid Covering	0.670 in (17.0 mm)

Overall Cable Diameter (Nominal):	0.670 in (17.0 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.114 Ohm/1000ft	366.4 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 3126)	600 V (CSA SEW-2)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
6.7 in (170 mm)	6.7 in (170 mm)

Max. Pull Tension:	1321 lbs (599.2 kg)
Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	465 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
AWM Compliance:	AWM 3126
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

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
30890 010100	Black	Reel	100 ft	612825141174	C
30890 010250	Black	Reel	250 ft	612825141181	C F
30890 009100	White	Reel	100 ft	612825141150	C
30890 009250	White	Reel	250 ft	612825141167	C F

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