Product: 30890

Lead Wire, #1/0 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3126 CSA SEW-2

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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
1/0	262x24	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Min. Average Wall Thickness
Silicone Rubber	0.08 in
Silicone with lacquered glass braid covering	

Outer Jacket Material

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.67 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.08 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	467 Amps Single Conductor in Free Air

Voltage

UL Description	UL Voltage Rating
UL AWM 3126	600 V RMS

Temperature Range

UL Temp Rating:	200°C
Operating Temp Range:	-70°C To +200°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 hours @ 410°F (210°C)
Bulk Cable Weight:	498 lbs/1000ft

Standards

UL AWM Style Compliance:	3126
CSA Rating:	600 V, 200°C
CSA Type:	SEW-2
Military Compliance:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

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

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

History

Update and Revision:	Revision Number: 0.295 Revision Date: 06-15-2020

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