



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	Number of Element	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 30°C

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: 0.497 Revision Date: 01-20-2023
----------------------	--

Part Numbers

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

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.