



Product: [34414](#)

Lead Wire, #14 Str TC, CSPE Ins, AWM 3191

Request Sample

Product Description

Low Temp Rubber Lead Wire, 14AWG (41x30) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1053 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B) motor lead systems, internal wiring of appliances, oil resistance applications
------------------------	---

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	14 AWG	41x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.048 in (1.2 mm)	0.17 in (4.3 mm)

Overall Cable Diameter (Nominal):	0.170 in (4.32 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
2.73 Ohm/1000ft	46.4 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
600 V (AWM 3191)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.7 in (43 mm)	1.7 in (43 mm)

Max. Pull Tension:	53.3 lbs (24.2 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	26 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Oil Resistance
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame

AWM Compliance:	AWM 3191
CEC / C(UL) Compliance:	CL-1053
European Directive Compliance:	EU CE Mark, 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)

Product Notes

Notes:	Separator material over conductor.
--------	------------------------------------

History

Update and Revision:	Revision Number: 0.465 Revision Date: 02-03-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
34414 010100	Black	Reel	100 ft	612825143956	
34414 010500	Black	Reel	500 ft	612825143970	F
34414 0104000	Black	Reel	4,000 ft	612825143963	
34414 008500	Gray	Reel	500 ft	612825143949	F
34414 0084000	Gray	Reel	4,000 ft	612825143932	C I U
34414 005500	Green, Dark	Reel	500 ft	612825143925	F
34414 002500	Red	Reel	500 ft	612825143918	F

© 2025 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.