



Product: [34410](#)

Lead Wire, #10 Str TC, CSPE Ins, AWM 3191

Request Sample

### Product Description

Low Temp Rubber Lead Wire, 10AWG (65x28) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1052 600V 105C

### Technical Specifications

#### Product Overview

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

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	10	65x28	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.049 in (1.2 mm)	0.209 in (5.31 mm)

Overall Cable Diameter (Nominal):	0.209 in (5.31 mm)
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#### Electrical Characteristics

##### Voltage

UL Voltage Rating
600 V RMS (UL AWM 3191), 300 V RMS (CSA CL1052)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

Stationary Min.	Installation Min.
0.84 in (21 mm)	0.84 in (21 mm)

Max. Pull Tension:	130 lbs (59 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	48 lbs/1000ft

#### Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3191
CEC / C(UL) Compliance:	CL-1052
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: 0.447 Revision Date: 01-20-2023

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
34410 010100	Black	Reel	100 ft	612825143833	
34410 010500	Black	Reel	500 ft	612825143857	C F
34410 0102000	Black	Reel	2,000 ft	612825143840	C
34410 0082000	Gray	Reel	2,000 ft	612825143826	F

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