



Product: [36102](#) 

Lead Wire, #2 Str TC, CSPE Ins, 5000V

 [Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 2AWG (163x24) Tinned Copper, CSPE Insulation, 5000V

Technical Specifications

Product Overview

Suitable Applications:	high voltage 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	2	163x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.162 in (4.11 mm)	0.643 in (16.3 mm)

Overall Cable Diameter (Nominal):	0.643 in (16.3 mm)
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Electrical Characteristics

Voltage

Voltage Rating
5000 V RMS

Mechanical Characteristics

Bend Radius

Stationary Min.	Installation Min.
2.58 in (65.5 mm)	2.58 in (65.5 mm)

Max. Pull Tension:	825 lbs (374 kg)
Bulk Cable Weight:	368 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
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)

Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.451 Revision Date: 02-20-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
36102 010500	Black	Reel	500 ft	612825145424	C F

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