



Product: [36106](#)

Lead Wire, #6 Str TC, CSPE Ins, 5000V

Request Sample

Product Description

Low Temp Rubber Lead Wire, 6AWG (84x25) 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
6	84x25	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.532 in	0.158 in

Electrical Characteristics

Voltage

Non-UL Voltage Rating
5000 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
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Mechanical Characteristics

Bulk Cable Weight:	210 lbs/1000ft
Minimum Minor Axis Bend Radius:	7.98 in

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
36106 01050	Black	Reel	50 ft	612825145448
36106 010500	Black	Reel	500 ft	612825145455

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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Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.358 Revision Date: 02-03-2025
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