



**Product:** [36108](#)

Lead Wire, #8 Str TC, CSPE Ins, 5000V

[Request Sample](#)

**Product Description**

Low Temp Rubber Lead Wire, 8AWG (84x27) 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
8	84x27	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.48 in	0.156 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:	158 lbs/1000ft
Min. Bend Radius/Minor Axis:	7.2 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
36108 010500	Black	Reel	500 ft	612825145462

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: 0.352 Revision Date: 04-08-2022
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