



Product: [35606](#)

Lead Wire, #6 Str TC, XLPO Ins, AWM 3196

Request Sample

Product Description

Rubber Lead Wire, 6AWG (133x27) Tinned Copper, XLPO Insulation, AWM 3196 CSA TYPE CL1251 600V 125C

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Size | Stranding | Material           |
|------|-----------|--------------------|
| 6    | 133x27    | TC - Tinned Copper |

Insulation

| Material                    | Nom. Thickness    | Nom. Insulation Diameter |
|-----------------------------|-------------------|--------------------------|
| XLP, XLPO, XLPE (Thermoset) | 0.063 in (1.6 mm) | 0.333 in (8.46 mm)       |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.333 in (8.46 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Voltage

| UL Voltage Rating |
|-------------------|
| 600 V RMS         |

Mechanical Characteristics

Temperature

| UL Temperature |
|----------------|
| 125°C          |

|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) ~ 12 Hours @ 325°F (163°C) ~ 8 Hours @ 350°F (177°C) |
| Bulk Cable Weight:             | 117 lbs/1000ft (174 kg/km)                                                    |

Standards and Compliance

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Sustainability:                | CA Prop 65                                                                                                    |
| AWM Compliance:                | AWM 3196                                                                                                      |
| CEC / C(UL) Compliance:        | CL-1251                                                                                                       |
| 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)                                                                               |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.360 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #        | Color | Putup Type | Length   | UPC          | Footnote |
|---------------|-------|------------|----------|--------------|----------|
| 35606 0102000 | Black | Reel       | 2,000 ft | 612825144908 | C F      |

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