



Product: [30890](#)

Lead Wire, #1/0 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3126

Request Sample

Product Description

Rubber Lead Wire, 1/0AWG (262x24) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3126 CSA SEW-2 600V 200C

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications |
|------------------------|---|

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|---------|-----------|--------------------|
| Conductor(s) | 1 | 1/0 AWG | 262x24 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|-----------------|-------------------|--------------------------|
| Silicone Rubber | 0.080 in (2.0 mm) | 0.594 in (15.1 mm) |

Outer Jacket

| Material | Nom. Diameter |
|--------------------------------|--------------------|
| Lacquered Glass Braid Covering | 0.670 in (17.0 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.670 in (17.0 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|----------------------------------|
| 0.114 Ohm/1000ft | 366.4 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating | Voltage Rating |
|-------------------|-------------------|
| 600 V (AWM 3126) | 600 V (CSA SEW-2) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 200°C | -70°C To +200°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 6.7 in (170 mm) | 6.7 in (170 mm) |

| | |
|--------------------------------|--------------------------|
| Max. Pull Tension: | 1321 lbs (599.2 kg) |
| Recommended Max Baking Cycles: | 24 Hours @ 410°F (210°C) |
| Bulk Cable Weight: | 465 lbs/1000ft |

Standards and Compliance

| | |
|--------------------------------|---|
| Environmental Suitability: | Indoor, Outdoor |
| Sustainability: | CA Prop 65 |
| AWM Compliance: | AWM 3126 |
| CEC / C(UL) Compliance: | SEW-2 |
| 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: 0.497 Revision Date: 01-20-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------|------------|--------|--------------|----------|
| 30890 010100 | Black | Reel | 100 ft | 612825141174 | C |
| 30890 010250 | Black | Reel | 250 ft | 612825141181 | C F |
| 30890 009100 | White | Reel | 100 ft | 612825141150 | C |
| 30890 009250 | White | Reel | 250 ft | 612825141167 | C F |

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