



**Product:** [33308](#)

Lead Wire, #8 Str TC, Silicone Ins, AWM 3213 CSA TYPE AWM

[Request Sample](#)

**Product Description**

Low Temp Rubber Lead Wire, 8AWG (84x27) Tinned Copper, Silicone Insulation, AWM 3213 CSA TYPE AWM 600V 150C

**Technical Specifications**

**Product Overview**

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

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 8   | 84x27     | TC - Tinned Copper | 1                 |

|                  |   |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

**Insulation**

| Material        | Nominal Wall Thickness |
|-----------------|------------------------|
| Silicone Rubber | 0.063 in               |
| Silicone Rubber |                        |

**Outer Jacket Material**

| Nominal Diameter |
|------------------|
| 0.283 in         |

**Electrical Characteristics**

**Voltage**

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

**Temperature Range**

|                     |       |
|---------------------|-------|
| Non-UL Temp Rating: | 150°C |
| UL Temp Rating:     | 150°C |

**Mechanical Characteristics**

|                                |                          |
|--------------------------------|--------------------------|
| Recommended Max Baking Cycles: | 24 hours @ 410°F (210°C) |
| Bulk Cable Weight:             | 40.5 lbs/1000ft          |

**Standards**

|                          |              |
|--------------------------|--------------|
| UL AWM Style Compliance: | 3213         |
| CSA Rating:              | 600 V, 150°C |
| CSA AWM Compliance:      | CSA AWM I B  |
| CSA Type:                | AWM          |
| Military Compliance:     | N/A          |

## 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 II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

## Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| CSA Flammability:  | FT2       |
| UL voltage rating: | 600 V RMS |

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

| Item #       | Color | Putup Type | Length | UPC          |
|--------------|-------|------------|--------|--------------|
| 33308 010500 | Black | Reel       | 500 ft | 612825143390 |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

## Product Notes

|        |   |
|--------|---|
| Notes: | Recommended Maximum Baking Cycles: 24 hours @ 410°F (210°C) |
|--------|---|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.276 Revision Date: 06-15-2020 |
|----------------------|--|

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