



Product: [33308](#)

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

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               |

Electrical Characteristics

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

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          |
| Min. Bend Radius/Minor Axis:   | 1.14 in                  |

Standards

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

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) |
| EU CE Mark:                                  | Yes                           |
| CA Prop 65:                                  | Yes                           |
| 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 |
|---------------|----|

Related Part Numbers

Variants

| Item #       | Color | Put-Up 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: 0.367 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

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