



Product: [9906](#)

Lead Wire, #6 Str TC, PVC Ins, AWM 1283 AWM 1232 AWM 1015

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Product Description

Low Temp Plastic Lead Wire, 6AWG (133x27) Tinned Copper, PVC Insulation, AWM 1283 AWM 1232 AWM 1015 CSA TYPE TEW 600V 105C

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 6 | 133x27 | TC - Tinned Copper | 1 |

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

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.331 in | 0.063 in |

Electrical Characteristics

Conductor DCR

| |
|------------------------------|
| Nominal Conductor DCR |
| 0.41 Ohm/1000ft |

Current

| Element | Max. Recommended Current [A] |
|--|--|
| Single conductor in free air @ 30C ambient | Single conductor in free air @ 30°C: 121 A |

Voltage

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

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
| UL Temp Rating: | 105°C |

Mechanical Characteristics

| | |
|--------------------|----------------|
| Bulk Cable Weight: | 117 lbs/1000ft |
|--------------------|----------------|

Standards

| | |
|--------------------------|--------------------------------|
| NEC Articles: | Article 310 |
| NEC/(UL) Compliance: | MTW or THW |
| UL Rating: | 600V, 105°C |
| UL AWM Style Compliance: | UL AWM Styles 1015, 1232, 1283 |

| | |
|---------------------|------------------|
| CSA Rating: | 600V, 105°C |
| CSA AWM Compliance: | CSA AWM I A/B |
| CSA Type: | TEW or AWM I A/B |

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): | 2005-07-01 |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL Flammability: | VW-1 |
| UL voltage rating: | 600 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------------|------------|----------|--------------|
| 9906 010100 | Black | Reel | 100 ft | 612825260486 |
| 9906 0101000 | Black | Reel | 1,000 ft | 612825260493 |
| 9906 013100 | Blue, Dark | Reel | 100 ft | 612825260509 |
| 9906 001100 | Brown | Reel | 100 ft | 612825260363 |
| 9906 0011000 | Brown | Reel | 1,000 ft | 612825260370 |
| 9906 0081000 | Gray | Reel | 1,000 ft | 612825260455 |
| 9906 005100 | Green, Dark | Reel | 100 ft | 612825260431 |
| 9906 0051000 | Green, Dark | Reel | 1,000 ft | 612825260448 |
| 9906 002100 | Red | Reel | 100 ft | 612825260387 |
| 9906 0021000 | Red | Reel | 1,000 ft | 612825260394 |
| 9906 009100 | White | Reel | 100 ft | 612825260462 |
| 9906 0091000 | White | Reel | 1,000 ft | 612825260479 |
| 9906 004100 | Yellow | Reel | 100 ft | 612825260400 |

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

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.313 Revision Date: 07-26-2020 |
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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
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Как с нами связаться

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