



Part Number: 9987

Lead Wire, #30 Str TC, PVC Ins, AWM 1061 CSA AWM

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 30AWG (7x38) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 30 | 7x38 | TC - Tinned Copper | 1 |

| | |
|------------------|--------|
| Conductor Count: | 1 |
| Conductor Size: | 30 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.032 in | 0.01 in |

Outer Jacket Material

| Material |
|-----------|
| No Jacket |

Construction and Dimensions

Stranding

| Twists |
|--------------|
| 6.9 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 6.8 Ohm/1000ft | 6.9 Ohm/km |

High Frequency (Nominal/Typical)

| Nom. Insertion Loss |
|---------------------|
| 6.9 dB/100m |
| 6.9 dB/100m |
| 6.9 dB/100m |

Voltage

| Non-UL Voltage Rating | UL Voltage Rating |
|-----------------------|-------------------|
| 300 V | 300 V |

Temperature Range

| | |
|---------------------|------|
| Non-UL Temp Rating: | 80°C |
| UL Temp Rating: | 80°C |

Mechanical Characteristics

| | |
|--------------------|----------------|
| Bulk Cable Weight: | 0.8 lbs/1000ft |
|--------------------|----------------|

Dimensions (WxHxD)

| |
|--------------|
| Width |
| 6.85 |

Standards

| | |
|-------------------------|----------------|
| UL Rating: | 300V RMS, 80°C |
| UL AWM Style: | AWM 1061 |
| CSA Rating: | 300V RMS, 80°C |
| CSA AWM Specification: | AWM I A/B |
| CSA Type: | AWM I, A/B |
| Military Specification: | 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): | 2005-10-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL Flammability: | VW-1 |
| CSA Flammability: | FT1 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color |
|--------------|--------|
| 9987 010100 | Black |
| 9987 0101000 | Black |
| 9987 0021000 | Red |
| 9987 0071000 | Violet |
| 9987 009100 | White |
| 9987 0091000 | White |

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