



Product: [9912](#)

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 AWM 1230

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Product Description

Low Temp Plastic Lead Wire, 12AWG (65x30) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 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 |
|------------------------|--|

Construction Details

Conductor

| Size | Stranding | Material |
|------|-----------|--------------------|
| 12 | 65x30 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.158 in (4.01 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.158 in (4.01 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|-------------------------------|---|
| 1.65 Ohm/1000ft (5.41 Ohm/km) | Single conductor in free air @ 30°C: 51 A |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 105°C | -25°C To +105°C |

| | |
|--------------------|------------------------------|
| Bulk Cable Weight: | 27.8 lbs/1000ft (41.4 kg/km) |
|--------------------|------------------------------|

Standards and Compliance

| | |
|----------------------------------|---|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1, FT1 |
| NEC / UL Compliance: | Article 310, MTW or TW |
| AWM Compliance: | UL AWM Styles 1015, 1230, CSA AWM I A/B |
| CEC / C(UL) Compliance: | TEW |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |

History

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