



**Product:** [8918](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1015 AWM 1230

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**Product Description**

Low Temp Plastic Lead Wire, 18AWG (16x30) 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
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**Construction Details**

**Conductor**

Size	Stranding	Material
18	16x30	TC - Tinned Copper

**Insulation**

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.11 in (2.8 mm)

Overall Cable Diameter (Nominal): 0.11 in (2.8 mm)

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft (21 Ohm/km)	Single conductor in free air @ 30°C: 20 A

**Voltage**

UL Voltage Rating
600 V RMS

**Mechanical Characteristics**

**Temperature**

UL Temperature
105°C

Bulk Cable Weight: 10 lbs/1000ft (15 kg/km)

**Standards and Compliance**

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1, FT1
NEC / UL Compliance:	Article 310, MTW
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.364 Revision Date: 12-15-2021
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