



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
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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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