



Product: [9910](#)

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 AWM 1230

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Product Description

Low Temp Plastic Lead Wire, 10AWG (65x28) 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

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	10 AWG	65x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.18 in (4.6 mm)

Overall Cable Diameter (Nominal):	0.18 in (4.6 mm)
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Electrical Characteristics

Electricals

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

Nom. Outer Shield DCR:	6 Ohm/km
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Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	115 lbs (52.2 kg)
Bulk Cable Weight:	43 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1

NEC / UL Compliance:	Article 310, MTW or TW
AWM Compliance:	AWM 1015, AWM 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

Update and Revision:	Revision Number: 0.485 Revision Date: 04-19-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9910 010100	Black	Reel	100 ft	612825260790
9910 010250	Black	Reel	250 ft	612825260813
9910 0102000	Black	Reel	2,000 ft	612825260806
9910 002100	Red	Reel	100 ft	612825260714
9910 002250	Red	Reel	250 ft	612825260738
9910 0022000	Red	Reel	2,000 ft	612825260721
9910 009100	White	Reel	100 ft	612825260769
9910 009250	White	Reel	250 ft	612825260783
9910 0092000	White	Reel	2,000 ft	612825260776
9910 004100	Yellow	Reel	100 ft	612825260745
9910 004250	Yellow	Reel	250 ft	612825260752

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