



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	No. of Elements	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@Cond DCR1-cn:	6 Ohm/km (1.8 Ohm/1000ft)
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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: 0.488 Revision Date: 09-07-2025
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Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP.
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