



Product: [8919](#)

Lead Wire, #20 Str TC, PVC Ins, AWM 1015 AWM 1230

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Product Description

Low Temp Plastic Lead Wire, 20AWG (10x30) 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	20	10x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.03 in (0.76 mm)	0.1 in (2.5 mm)

Overall Cable Diameter (Nominal):	0.100 in (2.54 mm)
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Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
105°C

Bend Radius

Stationary Min.	Installation Min.
0.4 in (10 mm)	0.4 in (10 mm)

Max. Pull Tension:	12.6 lbs (5.72 kg)
Bulk Cable Weight:	7.5 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
NEC / UL Compliance:	Article 310, MTW
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: 0.447 Revision Date: 01-20-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8919 010100	Black	Reel	100 ft	612825220404	
8919 0101000	Black	Reel	1,000 ft	612825220411	P
8919 0105000	Black	Reel	5,000 ft	612825220428	C
8919 013100	Blue, Dark	Reel	100 ft	612825220435	
8919 0131000	Blue, Dark	Reel	1,000 ft	612825220442	P
8919 0135000	Blue, Dark	Reel	5,000 ft	612825220459	P
8919 0011000	Brown	Reel	1,000 ft	612825220176	P
8919 0081000	Gray	Reel	1,000 ft	612825220336	P
8919 005100	Green, Dark	Reel	100 ft	612825220299	
8919 0051000	Green, Dark	Reel	1,000 ft	612825220305	P
8919 0031000	Orange	Reel	1,000 ft	612825220220	P
8919 002100	Red	Reel	100 ft	612825220190	
8919 0021000	Red	Reel	1,000 ft	612825220206	P
8919 009100	White	Reel	100 ft	612825220350	
8919 0091000	White	Reel	1,000 ft	612825220367	P
8919 004100	Yellow	Reel	100 ft	612825220251	
8919 0041000	Yellow	Reel	1,000 ft	612825220268	P

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