

Product: 8919

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

Request Sample

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

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)

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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