



Product: [8920](#) 

Lead Wire, #22 Str TC, PVC Ins, AWM 1015 AWM 1230

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.093 in	0.03 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
UL Temperature Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	5.8 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.38 in

Standards

NEC Articles:	Article 310
NEC/(UL) Compliance:	MTW
UL AWM Style Compliance:	AWM 1015, AWM 1230
CSA Rating:	600 V, 105°C
CSA AWM Compliance:	CSA AWM I A/B
CSA Type:	AWM I A/B or TEW

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes

EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8920 010100	Black	Reel	100 ft	612825220688
8920 0101000	Black	Reel	1,000 ft	612825220695
8920 0105000	Black	Reel	5,000 ft	612825220701
8920 013100	Blue, Dark	Reel	100 ft	612825220732
8920 0131000	Blue, Dark	Reel	1,000 ft	612825220749
8920 0011000	Brown	Reel	1,000 ft	612825220466
8920 0081000	Gray	Reel	1,000 ft	612825220619
8920 0051000	Green, Dark	Reel	1,000 ft	612825348047
8920 0031000	Orange	Reel	1,000 ft	612825220534
8920 002100	Red	Reel	100 ft	612825220497
8920 0021000	Red	Reel	1,000 ft	612825220503
8920 0025000	Red	Reel	5,000 ft	612825220510
8920 0071000	Violet	Reel	1,000 ft	612825220596
8920 009100	White	Reel	100 ft	612825220640
8920 0091000	White	Reel	1,000 ft	612825220657
8920 004100	Yellow	Reel	100 ft	612825220558
8920 0041000	Yellow	Reel	1,000 ft	612825220565

Footnote:	C - CRATE REEL PUT-UP., P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
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History

Update and Revision:	Revision Number: 0.357 Revision Date: 02-03-2025
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