



Product: [8917](#) 

Lead Wire, #16 Str TC, PVC Ins, AWM 1015 AWM 1230

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) 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	16 AWG	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.123 in (3.12 mm)

Overall Cable Diameter (Nominal):	0.123 in (3.12 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4.0 Ohm/1000ft	Single conductor in free air @ 30°C: 26 A

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.
1.23 in (31.2 mm)	1.23 in (31.2 mm)

Max. Pull Tension:	37 lbs (17 kg)
Bulk Cable Weight:	14 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
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.509 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8917 010100	Black	Reel	100 ft	612825219392	
8917 010500	Black	Reel	500 ft	612825348009	
8917 0101000	Black	Reel	1,000 ft	612825219408	P
8917 0105000	Black	Reel	5,000 ft	612825219415	C P
8917 013100	Blue, Dark	Reel	100 ft	612825219453	
8917 013500	Blue, Dark	Reel	500 ft	612825219477	
8917 0131000	Blue, Dark	Reel	1,000 ft	612825219460	P
8917 0135000	Blue, Dark	Reel	5,000 ft	612825219484	C
8917 001100	Brown	Reel	100 ft	612825219019	
8917 0011000	Brown	Reel	1,000 ft	612825219026	P
8917 0081000	Gray	Reel	1,000 ft	612825219286	C P
8917 005100	Green, Dark	Reel	100 ft	612825219194	
8917 005500	Green, Dark	Reel	500 ft	612825219217	
8917 0051000	Green, Dark	Reel	1,000 ft	612825219200	P
8917 189100	Green, Yellow Stripe	Reel	100 ft	612825219521	A
8917 1891000	Green, Yellow Stripe	Reel	1,000 ft	612825219538	C A
8917 003100	Orange	Reel	100 ft	612825219118	
8917 0031000	Orange	Reel	1,000 ft	612825219125	P
8917 002100	Red	Reel	100 ft	612825219071	
8917 002500	Red	Reel	500 ft	612825219095	
8917 0021000	Red	Reel	1,000 ft	612825219088	C P
8917 0025000	Red	Reel	5,000 ft	612825219101	C
8917 0071000	Violet	Reel	1,000 ft	612825219248	P
8917 009100	White	Reel	100 ft	612825219316	
8917 009500	White	Reel	500 ft	612825219330	
8917 0091000	White	Reel	1,000 ft	612825219323	P
8917 0095000	White	Reel	5,000 ft	612825219347	C
8917 004100	Yellow	Reel	100 ft	612825219156	
8917 0041000	Yellow	Reel	1,000 ft	612825219163	C P

Footnote:	C - CRATE REEL PUT-UP., A - STOCKED STRIPE COLORS., 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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