



Product: [8917](#)

Lead Wire, #16 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) Tinned Copper, PVC Insulation, AWM 1015 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
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.123 in	0.0315 in	0.03 in

Outer Jacket Material

Nominal Diameter
0.123 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.75 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	26 Amps Single Conductor in Free Air at 30°C

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	13.75 lbs/1000ft
Min Bend Radius/Minor Axis:	1 in

Standards

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

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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
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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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8917 010100	Black	Reel	100 ft	612825219392
8917 010500	Black	Reel	500 ft	612825348009
8917 0101000	Black	Reel	1,000 ft	612825219408
8917 0105000	Black	Reel	5,000 ft	612825219415
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
8917 0135000	Blue, Dark	Reel	5,000 ft	612825219484
8917 001100	Brown	Reel	100 ft	612825219019
8917 0011000	Brown	Reel	1,000 ft	612825219026
8917 0081000	Gray	Reel	1,000 ft	612825219286
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
8917 189100	Green, Yellow Stripe	Reel	100 ft	612825219521
8917 1891000	Green, Yellow Stripe	Reel	1,000 ft	612825219538
8917 003100	Orange	Reel	100 ft	612825219118
8917 0031000	Orange	Reel	1,000 ft	612825219125
8917 002100	Red	Reel	100 ft	612825219071
8917 002500	Red	Reel	500 ft	612825219095
8917 0021000	Red	Reel	1,000 ft	612825219088
8917 0025000	Red	Reel	5,000 ft	612825219101
8917 0071000	Violet	Reel	1,000 ft	612825219248
8917 009100	White	Reel	100 ft	612825219316
8917 009500	White	Reel	500 ft	612825219330
8917 0091000	White	Reel	1,000 ft	612825219323
8917 0095000	White	Reel	5,000 ft	612825219347

8917 004100	Yellow	Reel	100 ft	612825219156
8917 0041000	Yellow	Reel	1,000 ft	612825219163

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

History

Update and Revision:	Revision Number: 0.294 Revision Date: 07-07-2020
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