



**Part Number:** 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**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count: 1

**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**

Material	Nominal Diameter
No Jacket	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	Single conductor in free air @ 30C ambient 26 amps

**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) Specification:	MTW
UL AWM Style:	AWM 1015/1230
CSA Rating:	600 V, 105°C

CSA AWM Specification:	AWM I A/B
CSA Type:	AWM I A/B or TEW
Military Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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	UPC	Length	Footnote
8917 010100	Black	612825219392	100 ft	
8917 0101000	Black	612825219408	1,000 ft	P
8917 010500	Black	612825348009	500 ft	
8917 0105000	Black	612825219415	5,000 ft	C P
8917 013100	Blue, Dark	612825219453	100 ft	
8917 0131000	Blue, Dark	612825219460	1,000 ft	P
8917 013500	Blue, Dark	612825219477	500 ft	
8917 0135000	Blue, Dark	612825219484	5,000 ft	C
8917 001100	Brown	612825219019	100 ft	
8917 0011000	Brown	612825219026	1,000 ft	P
8917 0081000	Gray	612825219286	1,000 ft	C P
8917 005100	Green, Dark	612825219194	100 ft	
8917 0051000	Green, Dark	612825219200	1,000 ft	P
8917 005500	Green, Dark	612825219217	500 ft	
8917 189100	Green, Yellow Stripe	612825219521	100 ft	A
8917 1891000	Green, Yellow Stripe	612825219538	1,000 ft	C A
8917 003100	Orange	612825219118	100 ft	
8917 0031000	Orange	612825219125	1,000 ft	P
8917 002100	Red	612825219071	100 ft	
8917 0021000	Red	612825219088	1,000 ft	C P
8917 002500	Red	612825219095	500 ft	
8917 0025000	Red	612825219101	5,000 ft	C
8917 0071000	Violet	612825219248	1,000 ft	P
8917 009100	White	612825219316	100 ft	
8917 0091000	White	612825219323	1,000 ft	P
8917 009500	White	612825219330	500 ft	
8917 0095000	White	612825219347	5,000 ft	C
8917 004100	Yellow	612825219156	100 ft	
8917 0041000	Yellow	612825219163	1,000 ft	C P

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: 0.280 Revision Date: 08-22-2019
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