



Product: [8916](#)

Lead Wire, #14 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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
14	41x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.138 in	0.0325 in	0.03 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.138 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.4 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient.	Single conductor in free air @ 30C ambient. 39 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:	19 lbs/1000ft
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Standards

NEC/(UL) Specification:	MTW or TW
UL AWM Style:	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
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

Item #	Color	UPC	Length	Footnote
8916 010100	Black	612825218869	100 ft	
8916 0104000	Black	612825218876	4,000 ft	C
8916 010500	Black	612825218883	500 ft	
8916 013100	Blue, Dark	612825218913	100 ft	
8916 013500	Blue, Dark	612825218920	500 ft	
8916 001100	Brown	612825218487	100 ft	
8916 0014000	Brown	612825218494	4,000 ft	C P
8916 001500	Brown	612825218500	500 ft	
8916 008500	Gray	612825218739	500 ft	P
8916 005100	Green, Dark	612825218692	100 ft	
8916 0054000	Green, Dark	612825218708	4,000 ft	C P
8916 005500	Green, Dark	612825218715	500 ft	
8916 189100	Green, Yellow Stripe	612825347996	100 ft	A
8916 189500	Green, Yellow Stripe	612825218968	500 ft	A
8916 003100	Orange	612825218609	100 ft	
8916 003500	Orange	612825218616	500 ft	
8916 002100	Red	612825218555	100 ft	
8916 0024000	Red	612825218562	4,000 ft	C P
8916 002500	Red	612825218579	500 ft	
8916 007500	Violet	612825218722	500 ft	P
8916 009100	White	612825218784	100 ft	
8916 009500	White	612825218791	500 ft	
8916 004100	Yellow	612825218647	100 ft	
8916 004500	Yellow	612825218654	500 ft	

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

History

Update and Revision:	Revision Number: 0.277 Revision Date: 04-02-2020
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