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Product: 8916

Lead Wire, #14 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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

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	0.033 in	0.03 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.7 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient.	Single conductor in free air @ 30°C: 39 A

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
Min. Bend Radius/Minor Axis:	0.56 in

Standards

NEC Articles:	Article 310
NEC/(UL) Compliance:	MTW or TW
UL AWM Style Compliance:	UL AWM Styles 1015, 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, LS0H, Toxicity Testing

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

Part Number

Variants

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

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

History

Update and Revision:	Revision Number: 0.373 Revision Date: 08-27-2021

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