



Product: [8916](#)

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

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### 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
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	14 AWG	41x30	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.138 in (3.51 mm)

Overall Cable Diameter (Nominal):	0.138 in (3.51 mm)
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
2.7 Ohm/1000ft	Single conductor in free air @ 30°C: 39 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.
1.38 in (35.1 mm)	1.38 in (35.1 mm)

Max. Pull Tension:	51 lbs (23 kg)
Bulk Cable Weight:	19 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 or TW

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: 0.498 Revision Date: 04-19-2023
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## Part Numbers

### Variants

Item #	Color	Putup 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

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