

Product: 8917

Lead Wire, #16 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	16 AWG	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.123 in (3.12 mm)

Overall Cable Diameter (Nominal):	0.123 in (3.12 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4.0 Ohm/1000ft	Single conductor in free air @ 30ºC: 26 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.
1.23 in (31.2 mm)	1.23 in (31.2 mm)

Max. Pull Tension:	37 lbs (17 kg)
Bulk Cable Weight:	14 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

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: 0.507 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8917 010100	Black	Reel	100 ft	612825219392	
8917 010500	Black	Reel	500 ft	612825348009	
8917 0101000	Black	Reel	1,000 ft	612825219408	P
8917 0105000	Black	Reel	5,000 ft	612825219415	C P
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	P
8917 0135000	Blue, Dark	Reel	5,000 ft	612825219484	C
8917 001100	Brown	Reel	100 ft	612825219019	
8917 0011000	Brown	Reel	1,000 ft	612825219026	P
8917 0081000	Gray	Reel	1,000 ft	612825219286	C P
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	P
8917 189100	Green, Yellow Stripe	Reel	100 ft	612825219521	A
8917 1891000	Green, Yellow Stripe	Reel	1,000 ft	612825219538	C A
8917 003100	Orange	Reel	100 ft	612825219118	
8917 0031000	Orange	Reel	1,000 ft	612825219125	P
8917 002100	Red	Reel	100 ft	612825219071	
8917 002500	Red	Reel	500 ft	612825219095	
8917 0021000	Red	Reel	1,000 ft	612825219088	C P
8917 0025000	Red	Reel	5,000 ft	612825219101	C
8917 0071000	Violet	Reel	1,000 ft	612825219248	P
8917 009100	White	Reel	100 ft	612825219316	
8917 009500	White	Reel	500 ft	612825219330	
8917 0091000	White	Reel	1,000 ft	612825219323	P
8917 0095000	White	Reel	5,000 ft	612825219347	C
8917 004100	Yellow	Reel	100 ft	612825219156	
8917 0041000	Yellow	Reel	1,000 ft	612825219163	C P

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