



Product: [9975](#)

Lead Wire, #24 Sol TC, PVC Ins, AWM 1061

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Product Description

Low Temp Plastic Lead Wire, 24AWG (Solid) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, wire wrap applications
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
24	Solid	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.04 in	0.01 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
25.2 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor @ 25C ambient (35C temperature rise)	Single conductor in free air @ 30°C: 3.5 A

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
Min Bend Radius/Minor Axis:	0.313 in

Standards

UL Rating:	300V RMS, 80°C
UL AWM Style Compliance:	UL AWM Style 1061

CSA Rating:	300V RMS, 80°C
CSA AWM Compliance:	CSA AWM I A/B
CSA Type:	AWM I, A/B

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):	2005-10-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9975 010100	Black	Reel	100 ft	612825265528
9975 0101000	Black	Reel	1,000 ft	612825265535
9975 0105000	Black	Reel	5,000 ft	612825265542
9975 0131000	Blue, Dark	Reel	1,000 ft	612825265559
9975 0011000	Brown	Reel	1,000 ft	612825265405
9975 0081000	Gray	Reel	1,000 ft	612825265504
9975 0051000	Green, Dark	Reel	1,000 ft	612825265481
9975 0031000	Orange	Reel	1,000 ft	612825265467
9975 002100	Red	Reel	100 ft	612825265436
9975 0021000	Red	Reel	1,000 ft	612825265443
9975 0025000	Red	Reel	5,000 ft	612825265450
9975 0071000	Violet	Reel	1,000 ft	612825265498
9975 0091000	White	Reel	1,000 ft	612825265511
9975 0041000	Yellow	Reel	1,000 ft	612825265474

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: 0.318 Revision Date: 07-26-2020
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