



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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	24	Solid	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.04 in (1.0 mm)

Overall Cable Diameter (Nominal):	0.040 in (1.0 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
25.2 Ohm/1000ft	Single conductor in free air @ 30°C: 3.5 A

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
0.16 in (4.1 mm)	0.16 in (4.1 mm)

Max. Pull Tension:	5.1 lb
Bulk Cable Weight:	2 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1061, CSA AWM I A/B
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)

History

Update and Revision:	Revision Number: 0.480 Revision Date: 02-03-2025
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Part Numbers

Variants

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

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