


Product: [9975](#)
Lead Wire, #24 Sol TC, PVC Ins, AWM 1061
[Request Sample](#)

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

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)

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

History

Update and Revision: Revision Number: 0.481 Revision Date: 09-07-2025

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

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'.

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