

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 @ 30ºC: 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: 0.479 Revision Date: 07-03-2024

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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