



Product: [9977](#)

Lead Wire, #28 Sol TC, PVC Ins, AWM 1061

[Request Sample](#)

Product Description
Low Temp Plastic Lead Wire, 28AWG (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
28	Solid	TC - Tinned Copper	1
Conductor Count:			1

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.033 in	0.01 in

Electrical Characteristics

Voltage	
UL Voltage Rating	
300 V RMS	

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C

Mechanical Characteristics

Bulk Cable Weight:	0.9 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.14 in

Standards

UL Rating:	300V RMS, 80°C
UL AWM Style Compliance:	AWM 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes

EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, 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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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9977 010100	Black	Reel	100 ft	612825265856
9977 0101000	Black	Reel	1,000 ft	612825265863
9977 0081000	Gray	Reel	1,000 ft	612825265795
9977 005100	Green, Dark	Reel	100 ft	612825265771
9977 0051000	Green, Dark	Reel	1,000 ft	612825265788
9977 0031000	Orange	Reel	1,000 ft	
9977 002100	Red	Reel	100 ft	612825265726
9977 0021000	Red	Reel	1,000 ft	612825265733
9977 009100	White	Reel	100 ft	612825265818
9977 0091000	White	Reel	1,000 ft	612825265825
9977 0041000	Yellow	Reel	1,000 ft	612825265757

History

Update and Revision:	Revision Number: 0.367 Revision Date: 02-03-2025
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