



**Product:** [9977](#)

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

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**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
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**Insulation**

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

**Electrical Characteristics**

**Voltage**

<b>UL Voltage Rating</b>
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:	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 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, 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	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: 0.359 Revision Date: 12-15-2021
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