



**Part Number: 9975**

Lead Wire, #24 Sol TC, PVC Ins, AWM 1061 CSA AWM

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 24AWG (Solid) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	Solid	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	24 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.04 in	0.01 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
24.25 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor @ 25C ambient (35C temperature rise)	3.5 A

**Voltage**

UL Voltage Rating
300 V RMS

**Temperature Range**

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

**Mechanical Characteristics**

Bulk Cable Weight:	2 lbs/1000ft
Min Bend Radius/Minor Axis:	0.313 in

**Standards**

UL Rating:	300V RMS, 80°C
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UL AWM Style:	N/A
CSA Rating:	300V RMS, 80°C
CSA Type:	AWM I, A/B
Military Specification:	N/A

### 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	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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### Part Number

#### Variants

Item #	Color	Footnote
9975 010100	Black	
9975 0101000	Black	P
9975 0105000	Black	P
9975 0131000	Blue, Dark	P
9975 0011000	Brown	P
9975 0081000	Gray	P
9975 0051000	Green, Dark	P
9975 0031000	Orange	P
9975 002100	Red	
9975 0021000	Red	P
9975 0025000	Red	P
9975 0071000	Violet	P
9975 0091000	White	P
9975 0041000	Yellow	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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