



**Product:** [9981](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1061

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**Product Description**

Low Temp Plastic Lead Wire, 18AWG (19x30) 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
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.066 in	0.01 in

**Electrical Characteristics**

**High Frequency (Nominal/Typical)**

Nom. Insertion Loss
6.5 dB/100m
6.5 dB/100m
6.5 dB/100m

**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:	6.1 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.27 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, 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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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
9981 010100	Black	Reel	100 ft	612825266365
9981 0101000	Black	Reel	1,000 ft	612825266372
9981 013100	Blue, Dark	Reel	100 ft	612825266389
9981 0131000	Blue, Dark	Reel	1,000 ft	612825266396
9981 001100	Brown	Reel	100 ft	612825266211
9981 0011000	Brown	Reel	1,000 ft	612825266228
9981 0081000	Gray	Reel	1,000 ft	612825266334
9981 005100	Green, Dark	Reel	100 ft	612825266297
9981 0051000	Green, Dark	Reel	1,000 ft	612825266303
9981 003100	Orange	Reel	100 ft	612825266259
9981 0031000	Orange	Reel	1,000 ft	612825266266
9981 002100	Red	Reel	100 ft	612825266235
9981 0021000	Red	Reel	1,000 ft	612825266242
9981 007100	Violet	Reel	100 ft	612825266310
9981 0071000	Violet	Reel	1,000 ft	612825266327
9981 009100	White	Reel	100 ft	612825266341
9981 0091000	White	Reel	1,000 ft	612825266358
9981 004100	Yellow	Reel	100 ft	612825266273
9981 0041000	Yellow	Reel	1,000 ft	612825266280

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'.

## History

Update and Revision:	Revision Number: 0.360 Revision Date: 12-15-2021
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