



**Product:** [9986](#)

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

[Request Sample](#)

### Product Description

Low Temp Plastic Lead Wire, 28AWG (7x36) 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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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	28	7x36	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.035 in (0.89 mm)

Overall Cable Diameter (Nominal):	0.035 in (0.89 mm)
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR
6.6 Ohm/1000ft (22 Ohm/km)
6.6 Ohm/1000ft (22 Ohm/km)

Nom. Outer Shield DCR:	6.6 Ohm/km
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##### 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.
0.14 in (3.6 mm)	0.14 in (3.6 mm)

Max. Pull Tension:	2.1 lbs (0.95 kg)
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Bulk Cable Weight:	1 lbs/1000ft
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#### 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: 0.470 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
9986 010100	Black	Reel	100 ft	612825267454
9986 0101000	Black	Reel	1,000 ft	612825267461
9986 0131000	Blue, Dark	Reel	1,000 ft	612825267478
9986 0011000	Brown	Reel	1,000 ft	612825267348
9986 0081000	Gray	Reel	1,000 ft	612825267423
9986 0051000	Green, Dark	Reel	1,000 ft	612825267409
9986 003100	Orange	Reel	100 ft	612825267379
9986 0031000	Orange	Reel	1,000 ft	612825267386
9986 002100	Red	Reel	100 ft	612825267355
9986 0021000	Red	Reel	1,000 ft	612825267362
9986 0071000	Violet	Reel	1,000 ft	612825267416
9986 009100	White	Reel	100 ft	612825267430
9986 0091000	White	Reel	1,000 ft	612825267447
9986 0041000	Yellow	Reel	1,000 ft	612825267393

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