



Product: [9986](#)

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

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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	No. of Elements	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)

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

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)

Bulk Cable Weight: 1 lbs/1000ft

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: 0.472 Revision Date: 02-03-2025
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Part Numbers

Variants

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

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