



Product: [9987](#)

Lead Wire, #30 Str TC, PVC Ins, AWM 1061

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Product Description

Low Temp Plastic Lead Wire, 30AWG (7x38) 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
30	7x38	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in	0.01 in

Construction and Dimensions

Stranding

Twists
6.9 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
	6.9 Ohm/km
6.8 Ohm/1000ft	

High Frequency (Nominal/Typical)

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
UL Temperature Rating:	80°C

Mechanical Characteristics

Bulk Cable Weight:	0.8 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.13 in

Dimensions (WxHxD)

Width
6.85

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
9987 010100	Black	Reel	100 ft	612825267522
9987 0101000	Black	Reel	1,000 ft	612825267539
9987 0021000	Red	Reel	1,000 ft	612825267485
9987 0071000	Violet	Reel	1,000 ft	612825267492
9987 009100	White	Reel	100 ft	612825267508
9987 0091000	White	Reel	1,000 ft	612825267515

History

Update and Revision:	Revision Number: 0.380 Revision Date: 02-03-2025
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