



**Product:** [9983](#)

Lead Wire, #22 Str TC, PVC Ins, AWM 1061

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**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) 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	22 AWG	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.05 in (1.3 mm)

Overall Cable Diameter (Nominal):	0.05 in (1.3 mm)
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**Electrical Characteristics**

Electricals

Nom. Conductor DCR	Max. Current
18.1 Ohm/1000ft	Single conductor in free air @ 30°C: 3.3 A

Voltage

UL Voltage Rating
300 V RMS

**Mechanical Characteristics**

Temperature

UL Temperature	Operating
105°C	-25°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.5 in (13 mm)	0.5 in (13 mm)

Max. Pull Tension:	9 lbs (4.1 kg)
Bulk Cable Weight:	3 lbs/1000ft

**Standards and Compliance**

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1061, AWM I A/B

CEC / C(UL) Compliance:	LL7874
Military Compliance:	Mil-W-16878/4
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: 0.505 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9983 010100	Black	Reel	100 ft	612825349921	
9983 0101000	Black	Reel	1,000 ft	612825266815	P
9983 01010000	Black	Reel	10,000 ft	612825266822	
9983 013100	Blue, Dark	Reel	100 ft	612825266853	
9983 0131000	Blue, Dark	Reel	1,000 ft	612825266860	P
9983 001100	Brown	Reel	100 ft	612825266570	
9983 0011000	Brown	Reel	1,000 ft	612825266587	P
9983 0081000	Gray	Reel	1,000 ft	612825266747	P
9983 005100	Green, Dark	Reel	100 ft	612825266693	
9983 0051000	Green, Dark	Reel	1,000 ft	612825266709	P
9983 003100	Orange	Reel	100 ft	612825266648	
9983 0031000	Orange	Reel	1,000 ft	612825266655	P
9983 002100	Red	Reel	100 ft	612825266617	
9983 0021000	Red	Reel	1,000 ft	612825266624	P
9983 0071000	Violet	Reel	1,000 ft	612825266723	P
9983 009100	White	Reel	100 ft	612825266778	
9983 0091000	White	Reel	1,000 ft	612825266785	C P
9983 004100	Yellow	Reel	100 ft	612825266679	
9983 0041000	Yellow	Reel	1,000 ft	612825266686	P

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