


Product: [9982](#)
Lead Wire, #20 Str TC, PVC Ins, AWM 1061
[Request Sample](#)
Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) 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

Construction Details
Conductor

Size	Stranding	Material
20 AWG	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.057 in (1.4 mm)

Overall Cable Diameter (Nominal): 0.058 in (1.5 mm)

Electrical Characteristics
Electricals

Nom. Conductor DCR	Max. Current
11.2 Ohm/1000ft (36.7 Ohm/km)	Single conductor in free air @ 30°C: 13 A

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics
Temperature

UL Temperature
80°C

Bend Radius

Stationary Min.	Installation Min.
0.24 in (6.1 mm)	0.24 in (6.1 mm)

Max. Pull Tension: 15 lbs (6.8 kg)

Bulk Cable Weight: 4.6 lbs/1000ft (6.8 kg/km)

Standards and Compliance

Flammability / Reaction to Fire:	VW-1, FT1
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: 0.581 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9982 010100	Black	Reel	100 ft	612825266532	
9982 0101000	Black	Reel	1,000 ft	612825266549	P
9982 013100	Blue, Dark	Reel	100 ft	612825266556	
9982 0131000	Blue, Dark	Reel	1,000 ft	612825266563	P
9982 0011000	Brown	Reel	1,000 ft	612825266402	P
9982 0081000	Gray	Reel	1,000 ft	612825266495	
9982 005100	Green, Dark	Reel	100 ft	612825266464	
9982 0051000	Green, Dark	Reel	1,000 ft	612825266471	P
9982 0031000	Orange	Reel	1,000 ft	612825266433	P
9982 002100	Red	Reel	100 ft	612825266419	
9982 0021000	Red	Reel	1,000 ft	612825266426	P
9982 0071000	Violet	Reel	1,000 ft	612825266488	
9982 009100	White	Reel	100 ft	612825266518	
9982 0091000	White	Reel	1,000 ft	612825266525	
9982 004100	Yellow	Reel	100 ft	612825266440	
9982 0041000	Yellow	Reel	1,000 ft	612825266457	

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'.

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