



Product: [9981](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1061

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Product Description

Low Temp Plastic Lead Wire, 18AWG (19x30) 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	18	19x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.066 in (1.7 mm)

Overall Cable Diameter (Nominal):	0.066 in (1.7 mm)
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Electrical Characteristics

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.
0.27 in (6.9 mm)	0.27 in (6.9 mm)

Max. Pull Tension:	24.7 lbs (11.2 kg)
Bulk Cable Weight:	6.1 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: 0.457 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9981 010100	Black	Reel	100 ft	612825266365
9981 0101000	Black	Reel	1,000 ft	612825266372
9981 013100	Blue, Dark	Reel	100 ft	612825266389
9981 0131000	Blue, Dark	Reel	1,000 ft	612825266396
9981 001100	Brown	Reel	100 ft	612825266211
9981 0011000	Brown	Reel	1,000 ft	612825266228
9981 0081000	Gray	Reel	1,000 ft	612825266334
9981 005100	Green, Dark	Reel	100 ft	612825266297
9981 0051000	Green, Dark	Reel	1,000 ft	612825266303
9981 003100	Orange	Reel	100 ft	612825266259
9981 0031000	Orange	Reel	1,000 ft	612825266266
9981 002100	Red	Reel	100 ft	612825266235
9981 0021000	Red	Reel	1,000 ft	612825266242
9981 007100	Violet	Reel	100 ft	612825266310
9981 0071000	Violet	Reel	1,000 ft	612825266327
9981 009100	White	Reel	100 ft	612825266341
9981 0091000	White	Reel	1,000 ft	612825266358
9981 004100	Yellow	Reel	100 ft	612825266273
9981 0041000	Yellow	Reel	1,000 ft	612825266280

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