Belden



Product: 9984

Lead Wire, #24 Str TC, PVC Ins, AWM 1061

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) 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

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	24	7x32	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.044 in (1.1 mm)

Overall Cable Diameter (Nominal):	0.044 in (1.1 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR
6.5 Ohm/1000ft (21 Ohm/km)
6.5 Ohm/1000ft (21 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.
0.18 in (4.6 mm)	0.18 in (4.6 mm)

Max. Pull Tension:	5.5 lbs (2.5 kg)
Bulk Cable Weight:	1.9 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: 0.463 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9984 010100	Black	Reel	100 ft	612825267041	
9984 0101000	Black	Reel	1,000 ft	612825267058	P
9984 013100	Blue, Dark	Reel	100 ft	612825267065	
9984 0131000	Blue, Dark	Reel	1,000 ft	612825267072	P
9984 0011000	Brown	Reel	1,000 ft	612825266877	P
9984 0081000	Gray	Reel	1,000 ft	612825266983	P
9984 005100	Green, Dark	Reel	100 ft	612825266969	
9984 0051000	Green, Dark	Reel	1,000 ft	612825266976	P
9984 003100	Orange	Reel	100 ft	612825266921	
9984 0031000	Orange	Reel	1,000 ft	612825266938	P
9984 002100	Red	Reel	100 ft	612825266891	
9984 0021000	Red	Reel	1,000 ft	612825266907	P
9984 009100	White	Reel	100 ft	612825267003	
9984 0091000	White	Reel	1,000 ft	612825267010	P
9984 004100	Yellow	Reel	100 ft	612825266952	
9984 0041000	Yellow	Reel	1,000 ft	612825349938	P

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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