Belden

Product: 9923

Lead Wire, #24 Str TC, PVC Ins, AWM 1007 AWM 1569

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances

Construction Details

Conductor

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

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.056 in (1.4 mm)

Overall Cable Diameter (Nominal):	0.056 in (1.4 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
28.7 Ohm/1000ft	Single conductor in free air @ 30ºC: 5 A

High Frequency (Nominal/Typical)

Nom. Insertion Loss (Attenuation)
6.3 dB/100m
6.3 dB/100m

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.56 in (14 mm)	0.56 in (14 mm)

Max. Pull Tension:	6 lbs (2.7 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 1007, AWM 1569
CEC / C(UL) Compliance:	TRSR-64
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: 0.497 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9923 010100	Black	Reel	100 ft	612825263463	
9923 0101000	Black	Reel	1,000 ft	612825263470	P
9923 0105000	Black	Reel	5,000 ft	612825263487	C
9923 0131000	Blue, Dark	Reel	1,000 ft	612825263494	P
9923 0011000	Brown	Reel	1,000 ft	612825263364	P
9923 0081000	Gray	Reel	1,000 ft	612825263425	P
9923 0051000	Green, Dark	Reel	1,000 ft	612825263401	P
9923 0031000	Orange	Reel	1,000 ft	612825263388	P
9923 002100	Red	Reel	100 ft	612825263371	
9923 0021000	Red	Reel	1,000 ft	612825349884	P
9923 0025000	Red	Reel	5,000 ft		P
9923 0071000	Violet	Reel	1,000 ft	612825263418	P
9923 009100	White	Reel	100 ft	612825263432	
9923 0091000	White	Reel	1,000 ft	612825263449	P
9923 0041000	Yellow	Reel	1,000 ft	612825263395	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'., C - CRATE REEL PUT-UP.

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