

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

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: 0.494 Revision Date: 01-20-2023

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

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.