



Product: [9923](#) 

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

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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
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Construction Details

Conductor

Element	Number of Element	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 @ 30°C: 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, FT1
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: 0.461 Revision Date: 06-30-2022
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Part Numbers

Variants

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

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