



Product: [9928](#)

Lead Wire, #28 Str TC, PVC Ins, AWM 1007 AWM 1569

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 28AWG (7x36) 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
28	7x36	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.047 in	0.016 in	0.015 in

Electrical Characteristics

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
UL Temperature Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	1.5 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.19 in

Standards

UL Rating:	300V RMS, 80°C and 300V, 105°C
UL AWM Style Compliance:	AWM 1007, AWM 1569
CSA Rating:	300V RMS, 105°C
CSA Type:	TRSR-64

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes

EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9928 010100	Black	Reel	100 ft	612825264064
9928 0101000	Black	Reel	1,000 ft	612825264071
9928 013100	Blue, Dark	Reel	100 ft	612825264088
9928 0131000	Blue, Dark	Reel	1,000 ft	612825264095
9928 001100	Brown	Reel	100 ft	612825263920
9928 0011000	Brown	Reel	1,000 ft	612825263937
9928 0081000	Gray	Reel	1,000 ft	612825264033
9928 005100	Green, Dark	Reel	100 ft	612825264002
9928 0051000	Green, Dark	Reel	1,000 ft	612825264019
9928 003100	Orange	Reel	100 ft	612825263968
9928 0031000	Orange	Reel	1,000 ft	612825263975
9928 002100	Red	Reel	100 ft	612825263944
9928 0021000	Red	Reel	1,000 ft	612825263951
9928 007100	Violet	Reel	100 ft	612825264026
9928 009100	White	Reel	100 ft	612825264040
9928 0091000	White	Reel	1,000 ft	612825264057
9928 004100	Yellow	Reel	100 ft	612825263982
9928 0041000	Yellow	Reel	1,000 ft	612825263999

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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History

Update and Revision:	Revision Number: 0.370 Revision Date: 02-03-2025
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