



Product: [9920](#)

Lead Wire, #20 Str TC, PVC Ins, AWM 1007 AWM 1569

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Product Description

Low Temp Plastic Lead Wire, 20AWG (10x30) 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
20	10x30	TC - Tinned Copper	1
Conductor Count:		1	

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.067 in	0.016 in	0.015 in

Color Chart 2

Number
6

Electrical Characteristics

High Frequency (Nominal/Typical)

Nom. Insertion Loss
6.1 dB/100m
6.1 dB/100m
6.1 dB/100m

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:	4.9 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.28 in

Dimensions (WxHxD)

Length
6.1

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
9920 0101000	Black	Reel	1,000 ft	612825262862
9920 0131000	Blue, Dark	Reel	1,000 ft	612825262886
9920 0135000	Blue, Dark	Reel	5,000 ft	612825262893
9920 0061000	Blue, Light	Reel	1,000 ft	612825262831
9920 0081000	Gray	Reel	1,000 ft	612825262848
9920 0021000	Red	Reel	1,000 ft	612825262817
9920 0091000	White	Reel	1,000 ft	612825262855
9920 0041000	Yellow	Reel	1,000 ft	612825262824

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: 0.379 Revision Date: 02-03-2025
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