



Product: [9919](#)

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

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Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) 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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	1

Conductor Count:

1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.069 in	0.016 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9.8 Ohm/1000ft

Voltage

UL Voltage Rating
300 V RMS

Other Electrical Characteristic 2:

Return Loss tested in accordance with ASTM D 4566 - 05 paragraph 50.3, using a 75 Ohm fixed bridge and termination.

Temperature Range

Non-UL Temp Rating:

105°C

UL Temp Rating:

105°C

Mechanical Characteristics

Bulk Cable Weight:

5 lbs/1000ft

Min Bend Radius During Installation:

6 in

Standards

UL Rating:

300V RMS, 80°C and 300V, 105°C

UL AWM Style Compliance:

UL AWM Styles 1007, 1569

CSA Rating:

300V RMS, 90°C and 300V, 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Outdoor:	No
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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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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9919 010100	Black	Reel	100 ft	612825262695
9919 0101000	Black	Reel	1,000 ft	612825262701
9919 013100	Blue, Dark	Reel	100 ft	612825262718
9919 0131000	Blue, Dark	Reel	1,000 ft	612825262725
9919 001100	Brown	Reel	100 ft	612825262558
9919 0011000	Brown	Reel	1,000 ft	612825262565
9919 0081000	Gray	Reel	1,000 ft	612825262664
9919 005100	Green, Dark	Reel	100 ft	612825262626
9919 0051000	Green, Dark	Reel	1,000 ft	612825262633
9919 0031000	Orange	Reel	1,000 ft	612825262596
9919 002100	Red	Reel	100 ft	612825262572
9919 0021000	Red	Reel	1,000 ft	612825262589
9919 007100	Violet	Reel	100 ft	612825262640
9919 0071000	Violet	Reel	1,000 ft	612825262657
9919 009100	White	Reel	100 ft	612825262671
9919 0091000	White	Reel	1,000 ft	612825262688
9919 004100	Yellow	Reel	100 ft	612825262602
9919 0041000	Yellow	Reel	1,000 ft	612825262619

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: 0.315 Revision Date: 07-26-2020
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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.