



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

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

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9.4 Ohm/1000ft

Voltage

Non-UL Voltage Rating	UL Voltage Rating
300 V	300 V

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:	UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C)
CSA Rating:	300V RMS, 90°C and 300V, 105°C
CSA AWM Specification:	TRSR-64

CSA Type:	TRSR-64
Military Specification:	N/A

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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Outdoor:	No
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Flammability, LS0H, 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	UPC	Length	Footnote
9919 010100	Black	612825262695	100 ft	
9919 0101000	Black	612825262701	1,000 ft	P
9919 013100	Blue, Dark	612825262718	100 ft	
9919 0131000	Blue, Dark	612825262725	1,000 ft	P
9919 001100	Brown	612825262558	100 ft	
9919 0011000	Brown	612825262565	1,000 ft	P
9919 0081000	Gray	612825262664	1,000 ft	P
9919 005100	Green, Dark	612825262626	100 ft	
9919 0051000	Green, Dark	612825262633	1,000 ft	P
9919 0031000	Orange	612825262596	1,000 ft	P
9919 002100	Red	612825262572	100 ft	
9919 0021000	Red	612825262589	1,000 ft	P
9919 007100	Violet	612825262640	100 ft	
9919 0071000	Violet	612825262657	1,000 ft	P
9919 009100	White	612825262671	100 ft	
9919 0091000	White	612825262688	1,000 ft	P
9919 004100	Yellow	612825262602	100 ft	
9919 0041000	Yellow	612825262619	1,000 ft	P

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: 0.282 Revision Date: 04-02-2020
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