



Product: [9920](#)

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

 Request Sample

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
------------------------	---

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

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:	TRS-R-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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

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. STRIPPING 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'.

History

Update and Revision:	Revision Number: 0.379 Revision Date: 02-03-2025
----------------------	--

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

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.