



Product: [9981](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1061 CSA AWM

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 18AWG (19x30) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.066 in	0.01 in

Electrical Characteristics

High Frequency (Nominal/Typical)

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

Voltage

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

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C

Standards

UL Rating:	300V RMS, 80°C
UL AWM Style:	AWM 1061
CSA Rating:	300V RMS, 80°C
CSA AWM Specification:	AWM I A/B
CSA Type:	AWM I, A/B
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):	2005-10-01
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
---------------	----

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9981 010100	Black	Reel	100 ft	612825266365
9981 0101000	Black	Reel	1,000 ft	612825266372
9981 013100	Blue, Dark	Reel	100 ft	612825266389
9981 0131000	Blue, Dark	Reel	1,000 ft	612825266396
9981 001100	Brown	Reel	100 ft	612825266211
9981 0011000	Brown	Reel	1,000 ft	612825266228
9981 0081000	Gray	Reel	1,000 ft	612825266334
9981 005100	Green, Dark	Reel	100 ft	612825266297
9981 0051000	Green, Dark	Reel	1,000 ft	612825266303
9981 003100	Orange	Reel	100 ft	612825266259
9981 0031000	Orange	Reel	1,000 ft	612825266266
9981 002100	Red	Reel	100 ft	612825266235
9981 0021000	Red	Reel	1,000 ft	612825266242
9981 007100	Violet	Reel	100 ft	612825266310
9981 0071000	Violet	Reel	1,000 ft	612825266327
9981 009100	White	Reel	100 ft	612825266341
9981 0091000	White	Reel	1,000 ft	612825266358
9981 004100	Yellow	Reel	100 ft	612825266273
9981 0041000	Yellow	Reel	1,000 ft	612825266280

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'.
-----------	---

History

Update and Revision:	Revision Number: 0.274 Revision Date: 04-28-2020
----------------------	--

© 2020 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 "ASIS" 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

[9981 005100](#) [9981 010100](#) [9981 013100](#) [9981 0131000](#) [9981 001100](#) [9981 0051000](#) [9981 0081000](#) [9981 003100](#)
[9981 0031000](#) [9981 002100](#) [9981 0021000](#) [9981 007100](#) [9981 0071000](#) [9981 009100](#) [9981 004100](#) [9981](#)
[0041000](#) [9981 0011000](#) [9981 0101000](#) [9981 0091000](#)