



Product: [9986](#)

Lead Wire, #28 Str TC, PVC Ins, AWM 1061

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 28AWG (7x36) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments
------------------------	--

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	28	7x36	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.035 in (0.89 mm)

Overall Cable Diameter (Nominal): 0.035 in (0.89 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	
6.6 Ohm/1000ft (22 Ohm/km)	
6.6 Ohm/1000ft (22 Ohm/km)	
Nom. Outer Shield DCR:	6.6 Ohm/km

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
0.14 in (3.6 mm)	0.14 in (3.6 mm)

Max. Pull Tension: 2.1 lbs (0.95 kg)

Bulk Cable Weight: 1 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1

AWM Compliance:	AWM 1061, CSA AWM I A/B
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.471 Revision Date: 07-03-2024
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9986 010100	Black	Reel	100 ft	612825267454	
9986 0101000	Black	Reel	1,000 ft	612825267461	P
9986 0131000	Blue, Dark	Reel	1,000 ft	612825267478	P
9986 0011000	Brown	Reel	1,000 ft	612825267348	P
9986 0081000	Gray	Reel	1,000 ft	612825267423	P
9986 0051000	Green, Dark	Reel	1,000 ft	612825267409	P
9986 003100	Orange	Reel	100 ft	612825267379	
9986 0031000	Orange	Reel	1,000 ft	612825267386	P
9986 002100	Red	Reel	100 ft	612825267355	
9986 0021000	Red	Reel	1,000 ft	612825267362	P
9986 0071000	Violet	Reel	1,000 ft	612825267416	P
9986 009100	White	Reel	100 ft	612825267430	
9986 0091000	White	Reel	1,000 ft	612825267447	P
9986 0041000	Yellow	Reel	1,000 ft	612825267393	P

© 2024 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.