



Part Number: 9986

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

[Request Sample](#)

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
28	7x36	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.035 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Max. Conductor DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
6.6 Ohm/1000ft		6.6 Ohm/km
	6.6 Ohm/1000ft	
	6.6 Ohm/1000ft	

High Frequency (Nominal/Typical)

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

Unbalanced Crosstalk

Typical Unbalanced FEXT %
6.7 MHz
6.6 MHz

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

Mechanical Characteristics

Bulk Cable Weight:	1 lbs/1000ft
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Dimensions (WxHxD)

Width
6.66

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
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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
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Part Number

Variants

Item #	Color	UPC	Length	Footnote
9986 010100	Black	612825267454	100 ft	
9986 0101000	Black	612825267461	1,000 ft	P
9986 0131000	Blue, Dark	612825267478	1,000 ft	P
9986 0011000	Brown	612825267348	1,000 ft	P
9986 0081000	Gray	612825267423	1,000 ft	P
9986 0051000	Green, Dark	612825267409	1,000 ft	P
9986 003100	Orange	612825267379	100 ft	
9986 0031000	Orange	612825267386	1,000 ft	P
9986 002100	Red	612825267355	100 ft	
9986 0021000	Red	612825267362	1,000 ft	P
9986 0071000	Violet	612825267416	1,000 ft	P
9986 009100	White	612825267430	100 ft	
9986 0091000	White	612825267447	1,000 ft	P
9986 0041000	Yellow	612825267393	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: 0.279 Revision Date: 08-22-2019
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