



Part Number: 9983

Lead Wire, #22 Str TC, PVC Ins, AWM 1061 CSA AWM

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	22 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.05 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/1000ft	6.5 Ohm/km
6.5 Ohm/1000ft	
6.5 Ohm/1000ft	
6.5 Ohm/1000ft	

High Frequency (Nominal/Typical)

Nom. Insertion Loss
6.5 dB/100m

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	10.0 A

Voltage

Description	Non-UL Voltage Rating	UL Voltage Rating	Voltage Rating [V]
Mil-W-16878/4	300 V	300 V	600 V

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft
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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, LSOH, 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
9983 010100	Black	612825349921	100 ft	
9983 0101000	Black	612825266815	1,000 ft	P
9983 01010000	Black	612825266822	10,000 ft	
9983 013100	Blue, Dark	612825266853	100 ft	
9983 0131000	Blue, Dark	612825266860	1,000 ft	P
9983 001100	Brown	612825266570	100 ft	
9983 0011000	Brown	612825266587	1,000 ft	P
9983 0081000	Gray	612825266747	1,000 ft	P
9983 005100	Green, Dark	612825266693	100 ft	
9983 0051000	Green, Dark	612825266709	1,000 ft	P
9983 003100	Orange	612825266648	100 ft	
9983 0031000	Orange	612825266655	1,000 ft	P
9983 002100	Red	612825266617	100 ft	
9983 0021000	Red	612825266624	1,000 ft	P
9983 0071000	Violet	612825266723	1,000 ft	P
9983 009100	White	612825266778	100 ft	
9983 0091000	White	612825266785	1,000 ft	C P
9983 004100	Yellow	612825266679	100 ft	
9983 0041000	Yellow	612825266686	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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