



**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
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
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## Part Number

### Variants

Item #	Color	Footnote
9983 010100	Black	
9983 0101000	Black	P
9983 01010000	Black	
9983 013100	Blue, Dark	
9983 0131000	Blue, Dark	P
9983 001100	Brown	
9983 0011000	Brown	P
9983 0081000	Gray	P
9983 005100	Green, Dark	
9983 0051000	Green, Dark	P
9983 003100	Orange	
9983 0031000	Orange	P
9983 002100	Red	
9983 0021000	Red	P
9983 0071000	Violet	P
9983 009100	White	
9983 0091000	White	C P
9983 004100	Yellow	
9983 0041000	Yellow	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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