

Product: 9983

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

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) 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	22 AWG	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.05 in (1.3 mm)

Overall Cable Diameter (Nominal):	0.05 in (1.3 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
18.1 Ohm/1000ft	Single conductor in free air @ 30ºC: 3.3 A

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-25°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.5 in (13 mm)	0.5 in (13 mm)

Max. Pull Tension:	9 lbs (4.1 kg)
Bulk Cable Weight:	3 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1061, AWM I A/B

CEC / C(UL) Compliance:	LL7874
Military Compliance:	Mil-W-16878/4
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: 0.504 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9983 010100	Black	Reel	100 ft	612825349921	
9983 0101000	Black	Reel	1,000 ft	612825266815	P
9983 01010000	Black	Reel	10,000 ft	612825266822	
9983 013100	Blue, Dark	Reel	100 ft	612825266853	
9983 0131000	Blue, Dark	Reel	1,000 ft	612825266860	P
9983 001100	Brown	Reel	100 ft	612825266570	
9983 0011000	Brown	Reel	1,000 ft	612825266587	P
9983 0081000	Gray	Reel	1,000 ft	612825266747	P
9983 005100	Green, Dark	Reel	100 ft	612825266693	
9983 0051000	Green, Dark	Reel	1,000 ft	612825266709	P
9983 003100	Orange	Reel	100 ft	612825266648	
9983 0031000	Orange	Reel	1,000 ft	612825266655	P
9983 002100	Red	Reel	100 ft	612825266617	
9983 0021000	Red	Reel	1,000 ft	612825266624	P
9983 0071000	Violet	Reel	1,000 ft	612825266723	P
9983 009100	White	Reel	100 ft	612825266778	
9983 0091000	White	Reel	1,000 ft	612825266785	C P
9983 004100	Yellow	Reel	100 ft	612825266679	
9983 0041000	Yellow	Reel	1,000 ft	612825266686	P

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