



Product: [9921](#)

Lead Wire, #22 Str TC, PVC Ins, AWM 1007 AWM 1569

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Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

Technical Specifications

Product Overview

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

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	22 AWG	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.062 in (1.6 mm)

Overall Cable Diameter (Nominal):	0.062 in (1.6 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
18.1 Ohm/1000ft	Single conductor in free air @ 30°C: 11 A

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
0.62 in (16 mm)	0.62 in (16 mm)

Max. Pull Tension:	9 lbs (4.1 kg)
Bulk Cable Weight:	4 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1, N/A, FT1
AWM Compliance:	AWM 1007, AWM 1569

CEC / C(UL) Compliance:	TRSR-64
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.509 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9921 010100	Black	Reel	100 ft	612825263210
9921 0101000	Black	Reel	1,000 ft	612825263227
9921 0105000	Black	Reel	5,000 ft	612825263234
9921 013100	Blue, Dark	Reel	100 ft	612825263258
9921 0131000	Blue, Dark	Reel	1,000 ft	612825263265
9921 0135000	Blue, Dark	Reel	5,000 ft	612825263272
9921 006100	Blue, Light	Reel	100 ft	612825263098
9921 0061000	Blue, Light	Reel	1,000 ft	612825263104
9921 001100	Brown	Reel	100 ft	612825262985
9921 0011000	Brown	Reel	1,000 ft	612825262992
9921 008100	Gray	Reel	100 ft	612825263135
9921 0081000	Gray	Reel	1,000 ft	612825263142
9921 0085000	Gray	Reel	5,000 ft	612825263159
9921 005100	Green, Dark	Reel	100 ft	612825263074
9921 0051000	Green, Dark	Reel	1,000 ft	612825263081
9921 003100	Orange	Reel	100 ft	612825263029
9921 0031000	Orange	Reel	1,000 ft	612825263036
9921 002100	Red	Reel	100 ft	612825263005
9921 0021000	Red	Reel	1,000 ft	612825349860
9921 0025000	Red	Reel	5,000 ft	612825349877
9921 007100	Violet	Reel	100 ft	612825263111
9921 0071000	Violet	Reel	1,000 ft	612825263128
9921 009100	White	Reel	100 ft	612825263173
9921 0091000	White	Reel	1,000 ft	612825263180
9921 004100	Yellow	Reel	100 ft	612825263043
9921 0041000	Yellow	Reel	1,000 ft	612825263050
9921 0045000	Yellow	Reel	5,000 ft	612825263067

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