

Product: 9919

Lead Wire, #20 Str TC, PVC Ins, AWM 1007 AWM 1569

Request Sample

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	20 AWG	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.069 in (1.8 mm)

Overall Cable Diameter (Nominal):	0.069 in (1.8 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
11.2 Ohm/1000ft	Single conductor in free air @ 30ºC: 11 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.
0.69 in (18 mm)	0.69 in (18 mm)

Max. Pull Tension:	13 lbs (5.9 kg)
Bulk Cable Weight:	5 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
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)

History

Update and Revision:	Revision Number: 0.486 Revision Date: 01-20-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9919 010100	Black	Reel	100 ft	612825262695	
9919 0101000	Black	Reel	1,000 ft	612825262701	P
9919 013100	Blue, Dark	Reel	100 ft	612825262718	
9919 0131000	Blue, Dark	Reel	1,000 ft	612825262725	P
9919 001100	Brown	Reel	100 ft	612825262558	
9919 0011000	Brown	Reel	1,000 ft	612825262565	P
9919 0081000	Gray	Reel	1,000 ft	612825262664	P
9919 005100	Green, Dark	Reel	100 ft	612825262626	
9919 0051000	Green, Dark	Reel	1,000 ft	612825262633	P
9919 0031000	Orange	Reel	1,000 ft	612825262596	P
9919 002100	Red	Reel	100 ft	612825262572	
9919 0021000	Red	Reel	1,000 ft	612825262589	P
9919 007100	Violet	Reel	100 ft	612825262640	
9919 0071000	Violet	Reel	1,000 ft	612825262657	P
9919 009100	White	Reel	100 ft	612825262671	
9919 0091000	White	Reel	1,000 ft	612825262688	P
9919 004100	Yellow	Reel	100 ft	612825262602	
9919 0041000	Yellow	Reel	1,000 ft	612825262619	P

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