

Product: 9918

Lead Wire, #18 Str TC, PVC Ins, AWM 1007 AWM 1569

Request Sample

Product Description

Low Temp Plastic Lead Wire, 18AWG (16x30) 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	18 AWG	16x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.079 in (2.0 mm)

Overall Cable Diameter (Nominal):	0.079 in (2.0 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
7.15 Ohm/1000ft	Single conductor in free air @ 30ºC: 20 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.
0.79 in (20 mm)	0.79 in (20 mm)

Max. Pull Tension:	21 lbs (9.5 kg)
Bulk Cable Weight:	7 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.512 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9918 010100	Black	Reel	100 ft	612825262404	
9918 0101000	Black	Reel	1,000 ft	612825349853	P
9918 0105000	Black	Reel	5,000 ft	612825262411	C K Z
9918 013100	Blue, Dark	Reel	100 ft	612825262442	
9918 0131000	Blue, Dark	Reel	1,000 ft	612825262459	P
9918 0135000	Blue, Dark	Reel	5,000 ft	612825262466	C P
9918 006100	Blue, Light	Reel	100 ft	612825262299	
9918 0061000	Blue, Light	Reel	1,000 ft	612825262305	
9918 001100	Brown	Reel	100 ft	612825262138	
9918 0011000	Brown	Reel	1,000 ft	612825262145	P
9918 0015000	Brown	Reel	5,000 ft	612825262152	C P
9918 008100	Gray	Reel	100 ft	612825262343	
9918 0081000	Gray	Reel	1,000 ft	612825349846	P
9918 005100	Green, Dark	Reel	100 ft	612825262268	
9918 0051000	Green, Dark	Reel	1,000 ft	612825262275	P
9918 0055000	Green, Dark	Reel	5,000 ft	612825262282	C
9918 003100	Orange	Reel	100 ft	612825262213	
9918 0031000	Orange	Reel	1,000 ft	612825262220	P
9918 002100	Red	Reel	100 ft	612825262176	
9918 0021000	Red	Reel	1,000 ft	612825262183	P
9918 0025000	Red	Reel	5,000 ft	612825262190	C
9918 007100	Violet	Reel	100 ft	612825262329	
9918 0071000	Violet	Reel	1,000 ft	612825262336	P
9918 009100	White	Reel	100 ft	612825262367	
9918 0091000	White	Reel	1,000 ft	612825262374	P
9918 0095000	White	Reel	5,000 ft	612825262381	C
9918 004100	Yellow	Reel	100 ft	612825262237	
9918 0041000	Yellow	Reel	1,000 ft	612825262244	P

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