

Product: 9916

Lead Wire, #16 Str TC, PVC Ins, AWM 1007 AWM 1569

Request Sample

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) 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	16 AWG	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.092 in (2.3 mm)

Overall Cable Diameter (Nominal):	0.092 in (2.3 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4.44 Ohm/1000ft	Single conductor in free air @ 30ºC: 28.8 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.
0.92 in (23 mm)	0.92 in (23 mm)

Max. Pull Tension:	35 lbs (16 kg)
Bulk Cable Weight:	12 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: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9916 010100	Black	Reel	100 ft	612825261988	
9916 0101000	Black	Reel	1,000 ft	612825261995	P
9916 0105000	Black	Reel	5,000 ft	612825262008	P
9916 013100	Blue, Dark	Reel	100 ft	612825262015	
9916 0131000	Blue, Dark	Reel	1,000 ft	612825262022	P
9916 001100	Brown	Reel	100 ft	612825261797	
9916 0011000	Brown	Reel	1,000 ft	612825261803	P
9916 0081000	Gray	Reel	1,000 ft	612825261933	P
9916 005100	Green, Dark	Reel	100 ft	612825261896	
9916 0051000	Green, Dark	Reel	1,000 ft	612825261902	P
9916 0031000	Orange	Reel	1,000 ft	612825261858	P
9916 002100	Red	Reel	100 ft	612825261827	
9916 0021000	Red	Reel	1,000 ft	612825261834	P
9916 0025000	Red	Reel	5,000 ft	612825261841	P
9916 007100	Violet	Reel	100 ft	612825261919	
9916 0071000	Violet	Reel	1,000 ft	612825261926	P
9916 009100	White	Reel	100 ft	612825261940	
9916 0091000	White	Reel	1,000 ft	612825261957	P
9916 0095000	White	Reel	5,000 ft	612825261964	P
9916 004100	Yellow	Reel	100 ft	612825261865	
9916 0041000	Yellow	Reel	1,000 ft	612825261872	P

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