Product: 9906



Lead Wire, #6 Str TC, PVC Ins, AWM 1283 AWM 1232 AWM 1015

Request Sample

Product Description

Low Temp Plastic Lead Wire, 6AWG (133x27) Tinned Copper, PVC Insulation, AWM 1283 AWM 1232 AWM 1015 CSA TYPE TEW 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	6	133x27	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.063 in (1.6 mm)	0.331 in (8.41 mm)

Overall Cable Diameter (Nominal):	0.331 in (8.41 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.41 Ohm/1000ft	Single conductor in free air @ 30ºC: 121 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
105°C

Bend Radius

Stationary Min.	Installation Min.
1.33 in (33.8 mm)	1.33 in (33.8 mm)

Max. Pull Tension:	333 lbs (151 kg)
Bulk Cable Weight:	117 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
NEC / UL Compliance:	Article 310, MTW or THW
AWM Compliance:	AWM 1015, AWM 1232, AWM 1283, CSA AWM I A/B

CEC / C(UL) Compliance:	TEW
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: 0.473 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9906 010100	Black	Reel	100 ft	612825260486	C
9906 0101000	Black	Reel	1,000 ft	612825260493	C
9906 013100	Blue, Dark	Reel	100 ft	612825260509	C
9906 001100	Brown	Reel	100 ft	612825260363	
9906 0011000	Brown	Reel	1,000 ft	612825260370	
9906 0081000	Gray	Reel	1,000 ft	612825260455	
9906 005100	Green, Dark	Reel	100 ft	612825260431	C
9906 0051000	Green, Dark	Reel	1,000 ft	612825260448	C
9906 002100	Red	Reel	100 ft	612825260387	C
9906 0021000	Red	Reel	1,000 ft	612825260394	C
9906 009100	White	Reel	100 ft	612825260462	C
9906 0091000	White	Reel	1,000 ft	612825260479	
9906 004100	Yellow	Reel	100 ft	612825260400	

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