

Product: 9910

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 10AWG (65x28) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 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	10 AWG	65x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.18 in (4.6 mm)

Overall Cable Diameter (Nominal):	0.18 in (4.6 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft	Single conductor in free air @ 30ºC: 6.5 A

Nom. Outer Shield DCR:	6 Ohm/km

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	115 lbs (52.2 kg)
Bulk Cable Weight:	43 lbs/1000ft

Standards and Compliance

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

NEC / UL Compliance:	Article 310, MTW or TW
AWM Compliance:	AWM 1015, AWM 1230, 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: 0.486 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9910 010100	Black	Reel	100 ft	612825260790	
9910 010250	Black	Reel	250 ft	612825260813	
9910 0102000	Black	Reel	2,000 ft	612825260806	C
9910 002100	Red	Reel	100 ft	612825260714	
9910 002250	Red	Reel	250 ft	612825260738	
9910 0022000	Red	Reel	2,000 ft	612825260721	C
9910 009100	White	Reel	100 ft	612825260769	
9910 009250	White	Reel	250 ft	612825260783	
9910 0092000	White	Reel	2,000 ft	612825260776	C
9910 004100	Yellow	Reel	100 ft	612825260745	
9910 004250	Yellow	Reel	250 ft	612825260752	

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