

Product: 9912

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 12AWG (65x30) 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	12 AWG	65x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.036 in (0.91 mm)	0.158 in (4.01 mm)

Overall Cable Diameter (Nominal):	0.158 in (4.01 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
1.65 Ohm/1000ft	Single conductor in free air @ 30ºC: 51 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-25°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.58 in (40.1 mm)	1.58 in (40.1 mm)

Max. Pull Tension:	84.5 lbs (38.3 kg)
Bulk Cable Weight:	28 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
NEC / UL Compliance:	Article 310, MTW or TW

AWM Compliance:	AWM 1015, AWM 1230, 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: 0.498 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9912 010100	Black	Reel	100 ft	612825261520	
9912 010250	Black	Reel	250 ft	612825261544	
9912 0102000	Black	Reel	2,000 ft	612825261537	C
9912 013100	Blue, Dark	Reel	100 ft	612825261575	
9912 013250	Blue, Dark	Reel	250 ft	612825261582	
9912 001100	Brown	Reel	100 ft	612825261278	
9912 008250	Gray	Reel	250 ft	612825261421	
9912 005100	Green, Dark	Reel	100 ft	612825261377	
9912 005250	Green, Dark	Reel	250 ft	612825261391	
9912 0052000	Green, Dark	Reel	2,000 ft	612825261384	C
9912 003250	Orange	Reel	250 ft	612825261322	
9912 002100	Red	Reel	100 ft	612825261292	
9912 002250	Red	Reel	250 ft	612825261315	
9912 0022000	Red	Reel	2,000 ft	612825261308	C
9912 009100	White	Reel	100 ft	612825261452	
9912 009250	White	Reel	250 ft	612825261476	
9912 0092000	White	Reel	2,000 ft	612825261469	C
9912 004100	Yellow	Reel	100 ft	612825261339	
9912 004250	Yellow	Reel	250 ft	612825261346	

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