



Part Number: 9912

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 12AWG (65x30) Tinned Copper, PVC Insulation, AWM 1015 CSA TYPE TEW JQA-F 600V 105C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
12	65x30	TC - Tinned Copper	1	6

Conductor Count:	1
Conductor Size:	12 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.158 in	0.030 in	0.03 in

Outer Jacket Material

Material
No Jacket

Construction and Dimensions

Cabling

Twists
6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.5 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51.0 A

Voltage

Non-UL Voltage Rating	UL Voltage Rating
600 V	600 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C
Operating Temp Range:	-25°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	27.8 lbs/1000ft
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Standards

UL Rating:	600V, 105°C
UL AWM Style:	MTW or TW or AWM 1015/1230
CSA Rating:	600V, 105°C
CSA AWM Specification:	AWM I A/B or TEW
CSA Type:	AWM I A/B or TEW
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Part Number

Variants

Item #	Color	Footnote
9912 010100	Black	
9912 0102000	Black	C
9912 010250	Black	
9912 013100	Blue, Dark	
9912 013250	Blue, Dark	
9912 001100	Brown	
9912 008250	Gray	
9912 005100	Green, Dark	
9912 0052000	Green, Dark	C
9912 005250	Green, Dark	
9912 003250	Orange	
9912 002100	Red	
9912 0022000	Red	C
9912 002250	Red	
9912 009100	White	
9912 0092000	White	C
9912 009250	White	
9912 004100	Yellow	
9912 004250	Yellow	

Footnote:	C - CRATE REEL PUT-UP.
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