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Product: 8918

Lead Wire, #18 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

Request Sample

Product Description

Low Temp Plastic Lead Wire, 18AWG (16x30) 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
18	16x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.11 in	.0325 in	0.03 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.11 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
5.9 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C ambient 20 amps

Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft

Standards

NEC/(UL) Specification:	MTW
UL AWM Style:	1015, 1230
CSA Rating:	600 V, 105°C
CSA AWM Specification:	AWM I A/B
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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	UPC	Length	Footnote
8918 010100	Black	612825219989	100 ft	
8918 0101000	Black	612825219996	1,000 ft	P
8918 0105000	Black	612825220008	5,000 ft	C
8918 013100	Blue, Dark	612825220060	100 ft	
8918 0131000	Blue, Dark	612825220077	1,000 ft	P
8918 0135000	Blue, Dark	612825220084	5,000 ft	C
8918 001100	Brown	612825219606	100 ft	
8918 0011000	Brown	612825219613	1,000 ft	P
8918 0081000	Gray	612825219866	1,000 ft	P
8918 0085000	Gray	612825219873	5,000 ft	P
8918 005100	Green, Dark	612825219804	100 ft	
8918 0051000	Green, Dark	612825219811	1,000 ft	P
8918 0055000	Green, Dark		5,000 ft	P
8918 189100	Green, Yellow Stripe	612825220107	100 ft	A
8918 1891000	Green, Yellow Stripe	612825348030	1,000 ft	A
8918 003100	Orange	612825219699	100 ft	
8918 0031000	Orange	612825219705	1,000 ft	P
8918 002100	Red	612825219637	100 ft	
8918 0021000	Red	612825219644	1,000 ft	P
8918 0025000	Red	612825219651	5,000 ft	C
8918 0071000	Violet	612825219842	1,000 ft	P
8918 009100	White	612825219903	100 ft	
8918 0091000	White	612825219910	1,000 ft	P
8918 0095000	White	612825219927	5,000 ft	C
8918 004100	Yellow	612825219743	100 ft	
8918 0041000	Yellow	612825219750	1,000 ft	P
8918 0045000	Yellow	612825219767	5,000 ft	C

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF $8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
Footnote:	A - STOCKED STRIPE COLORS.

History

Update and Revision:	Revision Number: 0.263 Revision Date: 12-19-2019

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