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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Part Number: 8918**

Hook-Up/Lead Wire UL AWM Style 1015, (1) 18 AWG (16x30) TC, PVC, 600V, 105°C

[Request Sample](#)

## Product Description

One 18 AWG stranded (16x30) tinned copper conductor, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	18 AWG

#### 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

Shielding:	Unshielded
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#### 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
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### Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
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### 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
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### 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

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Footnote
8918 010100	Black	
8918 0101000	Black	P
8918 0105000	Black	C
8918 013100	Blue, Dark	
8918 0131000	Blue, Dark	P
8918 0135000	Blue, Dark	C
8918 001100	Brown	
8918 0011000	Brown	P
8918 0081000	Gray	P
8918 0085000	Gray	P
8918 005100	Green, Dark	
8918 0051000	Green, Dark	P
8918 0055000	Green, Dark	P
8918 189100	Green, Yellow Stripe	A
8918 1891000	Green, Yellow Stripe	A
8918 003100	Orange	
8918 0031000	Orange	P
8918 002100	Red	
8918 0021000	Red	P
8918 0025000	Red	C
8918 0071000	Violet	P
8918 009100	White	
8918 0091000	White	P
8918 0095000	White	C
8918 004100	Yellow	
8918 0041000	Yellow	P
8918 0045000	Yellow	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.

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