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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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Part Number: 9918

Hook- Up/ Lead Wire UL AWM Styles 1007 & 1569, (1) 18 AWG (16x30) TC, PVC, 300V RMS 80°C, 300V 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	No. of Pairs
18	16x30	TC - Tinned Copper	1	6

Conductor Count:	1
Conductor Size:	18 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.079 in	0.017 in	0.015 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.079 in

Construction and Dimensions

Stranding

Twists
6 twist/ft

Cabling

Twists
6 twist/ft

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
300 V

Temperature Range

UL Temp Rating:	105°C
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Mechanical Characteristics

Bulk Cable Weight:	6 lbs/1000ft
Min Bend Radius/Minor Axis:	6 in

Standards

UL Rating:	300V RMS, 80°C and 300V, 105°C
UL AWM Style:	UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C)
CSA Rating:	300V RMS, 105°C
CSA Type:	TRSR-64
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):	2005-10-01
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:	300 V RMS

Part Number

Variants

Item #	Color	Footnote
9918 010100	Black	
9918 0101000	Black	P
9918 0105000	Black	C K Z
9918 013100	Blue, Dark	
9918 0131000	Blue, Dark	P
9918 0135000	Blue, Dark	C P
9918 006100	Blue, Light	
9918 0061000	Blue, Light	
9918 001100	Brown	
9918 0011000	Brown	P
9918 0015000	Brown	C P
9918 008100	Gray	
9918 0081000	Gray	P
9918 005100	Green, Dark	
9918 0051000	Green, Dark	P
9918 0055000	Green, Dark	C
9918 003100	Orange	
9918 0031000	Orange	P
9918 002100	Red	
9918 0021000	Red	P
9918 0025000	Red	C
9918 007100	Violet	
9918 0071000	Violet	P
9918 009100	White	

9918 0091000	White	P
9918 0095000	White	C
9918 004100	Yellow	
9918 0041000	Yellow	P

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:	C - CRATE REEL PUT-UP.
Footnote:	K - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 500'.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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