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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: 8916

Hook-Up/Lead Wire UL AWM Style 1015, (1) 14 AWG (41x30) TC, PVC, 600V, 105°C

 [Request Sample](#)

Product Description

One 14 AWG stranded (41x30) tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	41x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	14 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.138 in	0.0325 in	0.03 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.138 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.4 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. 39 amps

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	19 lbs/1000ft
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Standards

NEC/(UL) Specification:	MTW or TW
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, LSOH, Toxicity Testing

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

Part Number

Variants

Item #	Color	Footnote
8916 010100	Black	
8916 0104000	Black	C
8916 010500	Black	
8916 013100	Blue, Dark	
8916 013500	Blue, Dark	
8916 001100	Brown	
8916 0014000	Brown	C P
8916 001500	Brown	
8916 008500	Gray	P
8916 005100	Green, Dark	
8916 0054000	Green, Dark	C P
8916 005500	Green, Dark	
8916 189100	Green, Yellow Stripe	A
8916 189500	Green, Yellow Stripe	A
8916 003100	Orange	
8916 003500	Orange	
8916 002100	Red	
8916 0024000	Red	C P
8916 002500	Red	
8916 007500	Violet	P
8916 009100	White	
8916 009500	White	
8916 004100	Yellow	
8916 004500	Yellow	

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:	A - STOCKED STRIPE COLORS.

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