



Part Number: 8918

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

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

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

Nominal Diameter
0.11 in

Construction and Dimensions

Stranding

Lay Length
MTW, AWM 1015 or 1230 mm

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
600V

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

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

Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
8918 010100	BLACK
8918 0101000	BLACK
8918 0105000	BLACK
8918 013100	BLUE, DARK
8918 0131000	BLUE, DARK
8918 0135000	BLUE, DARK
8918 001100	BROWN
8918 0011000	BROWN
8918 0081000	GRAY
8918 0085000	GRAY
8918 005100	GREEN, DARK
8918 0051000	GREEN, DARK
8918 0055000	GREEN, DARK
8918 189100	GREEN, YELLOW STRIPE
8918 1891000	GREEN, YELLOW STRIPE
8918 003100	ORANGE
8918 0031000	ORANGE
8918 002100	RED
8918 0021000	RED
8918 0025000	RED
8918 0071000	VIOLET
8918 009100	WHITE
8918 0091000	WHITE
8918 0095000	WHITE
8918 004100	YELLOW
8918 0041000	YELLOW
8918 0045000	YELLOW

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