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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: 35618

Hook-Up/Lead Wire UL AWM Style 3173 - XL-DUR®, (1) 18 AWG (16x30)
TC, XLPE, 600V, 125°C

[Request Sample](#)

Product Description

One 18 AWG stranded (16x30) tinned copper conductor, cross-linked polyethylene 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
XLPE - Cross Linked Polyethylene	0.109 in	0.0315 in	0.03 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ ambient 30C	22 amps

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	125°C
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Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
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Standards

UL AWM Style:	3173
CSA Rating:	600 V, 125°C
CSA Type:	CL1251
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):	2004-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
35618 010500	Black	F
35618 0105000	Black	C I U Z
35618 0135000	Blue, Dark	C I U Z
35618 0065000	Blue, Light	C I U Z
35618 0015000	Brown	C I U Z
35618 0085000	Gray	C I U Z
35618 0055000	Green, Dark	C I U Z
35618 0035000	Orange	C I U Z
35618 0125000	Pink	C I U Z
35618 002500	Red	F
35618 0025000	Red	C I U Z
35618 0075000	Violet	C I U Z
35618 0095000	White	C I U Z
35618 004500	Yellow	F
35618 0045000	Yellow	C I U Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

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