



Part Number: 34418

Hook-Up/Lead Wire UL AWM Style 3191, (1) 18 AWG (16x30) TC, CSPE, 600V, 105°C

[Request Sample](#)

Product Description

One 18 AWG stranded (16x30) tinned copper conductor, chlorosulphonated polyethylene (CSPE) 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
CSPE - Chlorosulphonated Polyethylene	0.142 in	0.048 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.142 in

Electrical Characteristics

Shielding:	Unshielded
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Voltage

UL Voltage Rating	Voltage Rating [V]
600 V	CSA - 300 V

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C to 105°C

Standards

UL AWM Style:	3191
CSA Rating:	600 V, 105°C
CSA Type:	CL1053
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):	2004-01-01

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, 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
34418 010100	Black	
34418 010500	Black	F
34418 0105000	Black	C I U Z
34418 013500	Blue, Dark	F
34418 0085000	Gray	C I U Z
34418 0055000	Green, Dark	C I U Z
34418 002500	Red	F
34418 0025000	Red	C I U Z
34418 009500	White	F
34418 004500	Yellow	F

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
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.

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