

39118 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11033

 For more Information
 please call

1-800-Belden1

**General Description:**

18 AWG stranded (16x30) tinned copper conductor, PPO insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment

Usage (Overall)**Suitable Applications:**

Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors:

1

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PPO - Polyphenylene Oxide	0.012

Overall Insulation**Overall Cable****Overall Nominal Diameter:**

0.069 in.

Mechanical Characteristics (Overall)**Operating Temperature Range:**

-40°C To +105°C Dry

Bulk Cable Weight:

6 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs****UL Rating:** 600 V, 105°C**UL Type:** AWM 11028**EU CE Mark:** Yes**EU Directive 2000/53/EC (ELV):** Yes**EU Directive 2002/95/EC (RoHS):** Yes**EU RoHS Compliance Date (mm/dd/yyyy):** 04/01/2011**EU Directive 2002/96/EC (WEEE):** Yes**EU Directive 2003/11/EC (BFR):** Yes**CA Prop 65 (CJ for Wire & Cable):** Yes**MII Order #39 (China RoHS):** Yes**Flame Test****UL Flame Test:**

VW-1

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Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.500

Max. Operating Voltage - UL:

Voltage

600 Vac

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	20 amps

Notes (Overall)

Notes: Halogen-free.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
39118 001100	100 FT	0.700 LB	BROWN	C	#18 STR PPO BRN
39118 0011000	1,000 FT	7.000 LB	BROWN	C	#18 STR PPO BRN
39118 0015000	5,000 FT	30.000 LB	BROWN	C Z	#18 STR PPO BRN
39118 002100	100 FT	0.700 LB	RED	C	#18 STR PPO RED
39118 0021000	1,000 FT	7.000 LB	RED	C	#18 STR PPO RED
39118 0025000	5,000 FT	30.000 LB	RED	C Z	#18 STR PPO RED
39118 003100	1,000 FT	7.000 LB	ORANGE	C	#18 STR PPO ORG
39118 0031000	1,000 FT	7.000 LB	ORANGE	C	#18 STR PPO ORG
39118 0035000	5,000 FT	30.000 LB	ORANGE	C Z	#18 STR PPO ORG
39118 004100	100 FT	0.700 LB	YELLOW	C	#18 STR PPO YEL
39118 0041000	1,000 FT	7.000 LB	YELLOW	C	#18 STR PPO YEL
39118 0045000	5,000 FT	30.000 LB	YELLOW	C Z	#18 STR PPO YEL
39118 005100	100 FT	0.700 LB	GREEN, DARK	C	#18 STR PPO DGRN
39118 0051000	1,000 FT	7.000 LB	GREEN, DARK	C	#18 STR PPO DGRN
39118 0055000	5,000 FT	30.000 LB	GREEN, DARK	C Z	#18 STR PPO DGRN
39118 007100	100 FT	0.700 LB	VIOLET	C	#18 STR PPO VIO
39118 0071000	1,000 FT	7.000 LB	VIOLET	C	#18 STR PPO VIO
39118 0075000	5,000 FT	30.000 LB	VIOLET	C Z	#18 STR PPO VIO
39118 008100	100 FT	0.700 LB	GRAY	C	#18 STR PPO GRY
39118 0081000	1,000 FT	7.000 LB	GRAY	C	#18 STR PPO GRY
39118 0085000	5,000 FT	30.000 LB	GRAY	C Z	#18 STR PPO GRY
39118 009100	100 FT	0.700 LB	WHITE	C	#18 STR PPO WHT
39118 0091000	1,000 FT	7.000 LB	WHITE	C	#18 STR PPO WHT
39118 0095000	5,000 FT	30.000 LB	WHITE	C Z	#18 STR PPO WHT
39118 010100	100 FT	0.700 LB	BLACK	C	#18 STR PPO BLK
39118 0101000	1,000 FT	7.000 LB	BLACK	C	#18 STR PPO BLK
39118 0105000	5,000 FT	30.000 LB	BLACK	C Z	#18 STR PPO BLK
39118 013100	100 FT	0.700 LB	BLUE, DARK	C	#18 STR PPO DBLU
39118 0131000	1,000 FT	7.000 LB	BLUE, DARK	C	#18 STR PPO DBLU
39118 0135000	5,000 FT	30.000 LB	BLUE, DARK	C Z	#18 STR PPO DBLU
39118 189100	100 FT	0.700 LB	GREEN/YELLOW		#18 STR PPO GRN/YEL
39118 1891000	1,000 FT	7.000 LB	GREEN/YELLOW		#18 STR PPO GRN/YEL
39118 1895000	5,000 FT	30.000 LB	GREEN/YELLOW	C Z	#18 STR PPO GRN/YEL

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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Test Reports

a) UL

- i) UL Test Reports are available on-line through the UL Client Document Access web portal.
- ii) UL Inspection Reports are also available through the UL Client Document Access web portal.

b) CSA

- i) CSA "Descriptive Report and Test Results" documents are available on the CSA Gateway Portal.
- ii) CSA Inspection Reports are maintained on the CSA issued 'flash drive' at each manufacturing location.

* other test data may be available if requested at time of order.

Revision Number: 0 Revision Date: 07-13-2012

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