

39118 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11028

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 (mm)
PPO - Polyphenylene Oxide	0.305

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.753 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C Dry

Bulk Cable Weight: 8.929 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V, 105°C

UL Type: AWM 11028

EU Directive 2011/65/EU (ROHS II): Yes

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

METRIC MEASUREMENT VERSION

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UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
21.327

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	300.000 LB	RED	C Z	#18 STR PPO RED
39118 003100	100 FT	0.700 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	300.000 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	300.000 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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