

39122 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11031

For more Information
please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) 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	22	7x30	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: 0.053 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 2.800 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

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.800

Max. Operating Voltage - UL:

Voltage

600 Vac

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	11 amps

Notes (Overall)

Notes: Halogen-free.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
39122 001100	100 FT	0.300 LB	BROWN	C	#22 STR PPO BRN
39122 0011000	1,000 FT	3.000 LB	BROWN	C	#22 STR PPO BRN
39122 0015000	5,000 FT	15.000 LB	BROWN	C Z	#22 STR PPO BRN
39122 002100	100 FT	0.300 LB	RED	C	#22 STR PPO RED
39122 0021000	1,000 FT	3.000 LB	RED	C	#22 STR PPO RED
39122 0025000	5,000 FT	15.000 LB	RED	C Z	#22 STR PPO RED
39122 003100	100 FT	0.300 LB	ORANGE	C	#22 STR PPO ORG
39122 0031000	1,000 FT	3.000 LB	ORANGE	C	#22 STR PPO ORG
39122 0035000	5,000 FT	15.000 LB	ORANGE	C Z	#22 STR PPO ORG
39122 004100	100 FT	0.300 LB	YELLOW	C	#22 STR PPO YEL
39122 0041000	1,000 FT	3.000 LB	YELLOW	C	#22 STR PPO YEL
39122 0045000	5,000 FT	15.000 LB	YELLOW	C Z	#22 STR PPO YEL
39122 005100	100 FT	0.300 LB	GREEN, DARK	C	#22 STR PPO DGRN
39122 0051000	1,000 FT	3.000 LB	GREEN, DARK	C	#22 STR PPO DGRN
39122 0055000	5,000 FT	15.000 LB	GREEN, DARK	C Z	#22 STR PPO DGRN
39122 007100	100 FT	0.300 LB	VIOLET	C	#22 STR PPO VIO
39122 0071000	1,000 FT	3.000 LB	VIOLET	C	#22 STR PPO VIO
39122 0075000	5,000 FT	15.000 LB	VIOLET	C Z	#22 STR PPO VIO
39122 008100	100 FT	0.300 LB	GRAY	C	#22 STR PPO GRY
39122 0081000	1,000 FT	3.000 LB	GRAY	C	#22 STR PPO GRY
39122 0085000	5,000 FT	15.000 LB	GRAY	C Z	#22 STR PPO GRY
39122 009100	100 FT	0.300 LB	WHITE	C	#22 STR PPO WHT
39122 0091000	1,000 FT	3.000 LB	WHITE	C	#22 STR PPO WHT
39122 0095000	5,000 FT	15.000 LB	WHITE	C Z	#22 STR PPO WHT
39122 010100	100 FT	0.300 LB	BLACK	C	#22 STR PPO BLK
39122 0101000	1,000 FT	3.000 LB	BLACK	C	#22 STR PPO BLK
39122 0105000	5,000 FT	15.000 LB	BLACK	C Z	#22 STR PPO BLK
39122 013100	100 FT	0.300 LB	BLUE, DARK	C	#22 STR PPO DBLU
39122 0131000	1,000 FT	3.000 LB	BLUE, DARK	C	#22 STR PPO DBLU
39122 0135000	5,000 FT	15.000 LB	BLUE, DARK	C Z	#22 STR PPO DBLU

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.

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.

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