Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

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 105ºC, 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

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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.

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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.

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