

39120 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11032

For more Information
please call

1-800-Belden1



General Description:

20 AWG stranded (10x30) 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	20	10x30	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: 0.061 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 4.200 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

39120 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11032

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9.000

Max. Operating Voltage - UL:

Voltage

600 Vac

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	14 amps

Notes (Overall)

Notes: Halogen-free.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
39120 001100	100 FT	0.500 LB	BROWN	C	#20 STR PPO BRN
39120 0011000	1,000 FT	5.000 LB	BROWN	C	#20 STR PPO BRN
39120 0015000	5,000 FT	20.000 LB	BROWN	C Z	#20 STR PPO BRN
39120 002100	100 FT	0.500 LB	RED	C	#20 STR PPO RED
39120 0021000	1,000 FT	5.000 LB	RED	C	#20 STR PPO RED
39120 0025000	5,000 FT	20.000 LB	RED	C Z	#20 STR PPO RED
39120 003100	100 FT	0.500 LB	ORANGE	C	#20 STR PPO ORG
39120 0031000	1,000 FT	5.000 LB	ORANGE	C	#20 STR PPO ORG
39120 0035000	5,000 FT	20.000 LB	ORANGE	C Z	#20 STR PPO ORG
39120 004100	100 FT	0.500 LB	YELLOW	C	#20 STR PPO YEL
39120 0041000	1,000 FT	5.000 LB	YELLOW	C	#20 STR PPO YEL
39120 0045000	5,000 FT	20.000 LB	YELLOW	C Z	#20 STR PPO YEL
39120 005100	100 FT	0.500 LB	GREEN, DARK	C	#20 STR PPO DGRN
39120 0051000	1,000 FT	5.000 LB	GREEN, DARK	C	#20 STR PPO DGRN
39120 0055000	5,000 FT	20.000 LB	GREEN, DARK	C Z	#20 STR PPO DGRN
39120 007100	100 FT	0.500 LB	VIOLET	C	#20 STR PPO VIO
39120 0071000	1,000 FT	5.000 LB	VIOLET	C	#20 STR PPO VIO
39120 0075000	5,000 FT	20.000 LB	VIOLET	C Z	#20 STR PPO VIO
39120 008100	100 FT	0.500 LB	GRAY	C	#20 STR PPO GRY
39120 0081000	1,000 FT	5.000 LB	GRAY	C	#20 STR PPO GRY
39120 0085000	5,000 FT	20.000 LB	GRAY	C Z	#20 STR PPO GRY
39120 009100	100 FT	0.500 LB	WHITE	C	#20 STR PPO WHT
39120 0091000	1,000 FT	5.000 LB	WHITE	C	#20 STR PPO WHT
39120 0095000	5,000 FT	20.000 LB	WHITE	C Z	#20 STR PPO WHT
39120 010100	100 FT	0.500 LB	BLACK	C	#20 STR PPO BLK
39120 0101000	1,000 FT	5.000 LB	BLACK	C	#20 STR PPO BLK
39120 0105000	5,000 FT	20.000 LB	BLACK	C Z	#20 STR PPO BLK
39120 013100	100 FT	0.500 LB	BLUE, DARK	C	#20 STR PPO DBLU
39120 0131000	1,000 FT	5.000 LB	BLUE, DARK	C	#20 STR PPO DBLU
39120 0135000	5,000 FT	20.000 LB	BLUE, DARK	C Z	#20 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.

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

© 2012 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.