

## 39110 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11037

For more Information  
please call

1-800-Belden1

**General Description:**

10 AWG stranded (105x30) 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            | 10            | 105x30 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:

0.134 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:

-40°C To +105°C Dry

Bulk Cable Weight:

36.500 lbs/1000 ft.

**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**

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

## 39110 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11037

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.000

#### Max. Operating Voltage - UL:

Voltage

600 Vac

#### Max. Recommended Current:

| Description                                | Current |
|--|---------|
| Single conductor in free air @ 30C ambient | 67 amps |

### Notes (Overall)

Notes: Halogen-free.

### Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color        | Notes | Item Desc           |
|---------------|----------|-------------|--------------|-------|---------------------|
| 39110 001100  | 100 FT   | 5.200 LB    | BROWN        | C     | #10 STR PPO BRN     |
| 39110 0011000 | 1,000 FT | 38.000 LB   | BROWN        | C     | #10 STR PPO BRN     |
| 39110 0015000 | 5,000 FT | 185.000 LB  | BROWN        | C Z   | #10 STR PPO BRN     |
| 39110 002100  | 100 FT   | 5.200 LB    | RED          | C     | #10 STR PPO RED     |
| 39110 0021000 | 1,000 FT | 38.000 LB   | RED          | C     | #10 STR PPO RED     |
| 39110 0025000 | 5,000 FT | 185.000 LB  | RED          | C     | #10 STR PPO RED     |
| 39110 003100  | 100 FT   | 5.200 LB    | ORANGE       | C     | #10 STR PPO ORG     |
| 39110 0031000 | 1,000 FT | 38.000 LB   | ORANGE       | C     | #10 STR PPO ORG     |
| 39110 0035000 | 5,000 FT | 185.000 LB  | ORANGE       | C Z   | #10 STR PPO ORG     |
| 39110 004100  | 100 FT   | 5.200 LB    | YELLOW       | C     | #10 STR PPO YEL     |
| 39110 0041000 | 1,000 FT | 38.000 LB   | YELLOW       | C     | #10 STR PPO YEL     |
| 39110 0045000 | 5,000 FT | 185.000 LB  | YELLOW       | C Z   | #10 STR PPO YEL     |
| 39110 005100  | 100 FT   | 5.200 LB    | GREEN, DARK  | C     | #10 STR PPO DGRN    |
| 39110 0051000 | 1,000 FT | 38.000 LB   | GREEN, DARK  | C     | #10 STR PPO DGRN    |
| 39110 0055000 | 5,000 FT | 185.000 LB  | GREEN, DARK  | C Z   | #10 STR PPO DGRN    |
| 39110 007100  | 100 FT   | 5.200 LB    | VIOLET       | C     | #10 STR PPO VIO     |
| 39110 0071000 | 1,000 FT | 38.000 LB   | VIOLET       | C     | #10 STR PPO VIO     |
| 39110 0075000 | 5,000 FT | 185.000 LB  | VIOLET       | C Z   | #10 STR PPO VIO     |
| 39110 008100  | 100 FT   | 5.200 LB    | GRAY         | C     | #10 STR PPO GRY     |
| 39110 0081000 | 1,000 FT | 38.000 LB   | GRAY         | C     | #10 STR PPO GRY     |
| 39110 0085000 | 5,000 FT | 185.000 LB  | GRAY         | C Z   | #10 STR PPO GRY     |
| 39110 009100  | 100 FT   | 5.200 LB    | WHITE        | C     | #10 STR PPO WHT     |
| 39110 0091000 | 1,000 FT | 38.000 LB   | WHITE        | C     | #10 STR PPO WHT     |
| 39110 0095000 | 5,000 FT | 185.000 LB  | WHITE        | C Z   | #10 STR PPO WHT     |
| 39110 010100  | 100 FT   | 5.200 LB    | BLACK        | C     | #10 STR PPO BLK     |
| 39110 0101000 | 1,000 FT | 38.000 LB   | BLACK        | C     | #10 STR PPO BLK     |
| 39110 0105000 | 5,000 FT | 185.000 LB  | BLACK        | C     | #10 STR PPO BLK     |
| 39110 013100  | 100 FT   | 5.200 LB    | BLUE, DARK   | C     | #10 STR PPO DBLU    |
| 39110 0131000 | 1,000 FT | 38.000 LB   | BLUE, DARK   | C     | #10 STR PPO DBLU    |
| 39110 0135000 | 5,000 FT | 185.000 LB  | BLUE, DARK   | C Z   | #10 STR PPO DBLU    |
| 39110 189100  | 100 FT   | 5.200 LB    | GREEN/YELLOW | C     | #10 STR PPO GRN/YEL |
| 39110 1891000 | 1,000 FT | 38.000 LB   | GREEN/YELLOW | C     | #10 STR PPO GRN/YEL |
| 39110 1895000 | 5,000 FT | 185.000 LB  | GREEN/YELLOW | C Z   | #10 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.

## 39110 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11037

Revision Number: 0    Revision Date: 11-05-2012

© 2013 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.