

## 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 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)
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.

### 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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