

39112 Hook-up/Lead - PPO Hook-up Wire 600V, 105°C AWM Style 11036

For more Information
please call

1-800-Belden1



General Description:

12 AWG stranded (65x30) 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 | 12 | 65x30 | 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: 0.111 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 21.300 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

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)

1.500

Max. Operating Voltage - UL:

Voltage

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600 Vac

Max. Recommended Current:

| Description | Current |
|--------------------------------------------|---------|
| Single conductor in free air @ 30C ambient | 51 amps |

Notes (Overall)

Notes: Halogen-free.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|--------------|-------|---------------------|
| 39112 001100 | 100 FT | 2.200 LB | BROWN | C | #12 STR PPO BRN |
| 39112 0011000 | 1,000 FT | 23.000 LB | BROWN | C | #12 STR PPO BRN |
| 39112 0015000 | 5,000 FT | 110.000 LB | BROWN | C Z | #12 STR PPO BRN |
| 39112 002100 | 100 FT | 2.200 LB | RED | C | #12 STR PPO RED |
| 39112 0021000 | 1,000 FT | 23.000 LB | RED | C | #12 STR PPO RED |
| 39112 0025000 | 5,000 FT | 110.000 LB | RED | C Z | #12 STR PPO RED |
| 39112 003100 | 100 FT | 2.200 LB | ORANGE | C | #12 STR PPO ORG |
| 39112 0031000 | 1,000 FT | 23.000 LB | ORANGE | C | #12 STR PPO ORG |
| 39112 0035000 | 5,000 FT | 110.000 LB | ORANGE | C Z | #12 STR PPO ORG |
| 39112 004100 | 100 FT | 2.200 LB | YELLOW | C | #12 STR PPO YEL |
| 39112 0041000 | 1,000 FT | 23.000 LB | YELLOW | C | #12 STR PPO YEL |
| 39112 0045000 | 5,000 FT | 110.000 LB | YELLOW | C Z | #12 STR PPO YEL |
| 39112 005100 | 100 FT | 2.200 LB | GREEN, DARK | C | #12 STR PPO DRGN |
| 39112 0051000 | 1,000 FT | 23.000 LB | GREEN, DARK | C | #12 STR PPO DGRN |
| 39112 0055000 | 5,000 FT | 110.000 LB | GREEN, DARK | C Z | #12 STR PPO DGRN |
| 39112 007100 | 100 FT | 2.200 LB | VIOLET | C | #12 STR PPO VIO |
| 39112 0071000 | 1,000 FT | 23.000 LB | VIOLET | C | #12 STR PPO VIO |
| 39112 0075000 | 5,000 FT | 110.000 LB | VIOLET | C Z | #12 STR PPO VIO |
| 39112 008100 | 100 FT | 2.200 LB | GRAY | C | #12 STR PPO GRY |
| 39112 0081000 | 1,000 FT | 23.000 LB | GRAY | C | #12 STR PPO GRY |
| 39112 0085000 | 5,000 FT | 110.000 LB | GRAY | C Z | #12 STR PPO GRY |
| 39112 009100 | 100 FT | 2.200 LB | WHITE | C | #12 STR PPO WHT |
| 39112 0091000 | 1,000 FT | 23.000 LB | WHITE | C | #12 STR PPO WHT |
| 39112 0095000 | 5,000 FT | 110.000 LB | WHITE | C Z | #12 STR PPO WHT |
| 39112 010100 | 100 FT | 2.200 LB | BLACK | C | #12 STR PPO BLK |
| 39112 0101000 | 1,000 FT | 23.000 LB | BLACK | C | #12 STR PPO BLK |
| 39112 0105000 | 5,000 FT | 110.000 LB | BLACK | C Z | #12 STR PPO BLK |
| 39112 013100 | 100 FT | 2.200 LB | BLUE, DARK | C | #12 STR PPO DBLU |
| 39112 0131000 | 1,000 FT | 23.000 LB | BLUE, DARK | C | #12 STR PPO DBLU |
| 39112 0135000 | 5,000 FT | 110.000 LB | BLUE, DARK | C Z | #12 STR PPO DBLU |
| 39112 189100 | 100 FT | 2.200 LB | GREEN/YELLOW | C | #12 STR PPO GRN/YEL |
| 39112 1891000 | 1,000 FT | 23.000 LB | GREEN/YELLOW | C | #12 STR PPO GRN/YEL |
| 39112 1895000 | 5,000 FT | 110.000 LB | GREEN/YELLOW | C Z | #12 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.

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