



**Part Number:** 39122

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11028, (1) 22 AWG (7x30)  
TC, PPO, 600V, 105°C

[Request Sample](#)

## Product Description

One 22 AWG stranded (7x30) tinned copper conductor, polyphenylene oxide (PPO) insulation.

## Technical Specifications

### Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers |
|------------------------|--|

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22  | 7x30      | TC - Tinned Copper | 1                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 22 AWG |

#### Insulation

| Material                  | Nominal Diameter | Nominal Wall Thickness |
|---------------------------|------------------|------------------------|
| PPO - Polyphenylene Oxide | 0.053 in         | 0.012 in               |

#### Outer Jacket Material

|                 |
|-----------------|
| <b>Material</b> |
| No Jacket       |

### Electrical Characteristics

#### Conductor DCR

|                              |
|------------------------------|
| <b>Nominal Conductor DCR</b> |
| 14.8 Ohm/1000ft              |

|            |            |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

#### Current

| Element                                    | Max. Recommended Current [A] |
|--|------------------------------|
| Single conductor in free air @ 30C ambient | 11.0 A                       |

#### Voltage

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 600 V                    |

### Temperature Range

|                       |                     |
|-----------------------|---------------------|
| UL Temp Rating:       | 105°C               |
| Operating Temp Range: | -40°C To +105°C Dry |

### Mechanical Characteristics

|                    |                |
|--------------------|----------------|
| Bulk Cable Weight: | 2.8 lbs/1000ft |
|--------------------|----------------|

### Standards

|               |           |
|---------------|-----------|
| UL AWM Style: | AWM 11028 |
|---------------|-----------|

|                         |     |
|-------------------------|-----|
| Military Specification: | N/A |
|-------------------------|-----|

### Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2011-04-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

### Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL Flammability:   | VW-1      |
| UL voltage rating: | 600 V RMS |

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

### Part Number

#### Variants

| Item #        | Color       | Footnote |
|---------------|-------------|----------|
| 39122 010100  | Black       | C        |
| 39122 0101000 | Black       |          |
| 39122 0105000 | Black       | C Z      |
| 39122 013100  | Blue, Dark  | C        |
| 39122 0131000 | Blue, Dark  | C        |
| 39122 0135000 | Blue, Dark  | C Z      |
| 39122 001100  | Brown       | C        |
| 39122 0011000 | Brown       | C        |
| 39122 0015000 | Brown       | C Z      |
| 39122 008100  | Gray        | C        |
| 39122 0081000 | Gray        | C        |
| 39122 0085000 | Gray        | C Z      |
| 39122 005100  | Green, Dark | C        |
| 39122 0051000 | Green, Dark | C        |
| 39122 0055000 | Green, Dark | C Z      |
| 39122 003100  | Orange      | C        |
| 39122 0031000 | Orange      | C        |
| 39122 0035000 | Orange      | C Z      |
| 39122 002100  | Red         | C        |
| 39122 0021000 | Red         | C        |
| 39122 0025000 | Red         | C Z      |
| 39122 007100  | Violet      | C        |
| 39122 0071000 | Violet      |          |
| 39122 0075000 | Violet      | C Z      |
| 39122 009100  | White       | C        |
| 39122 0091000 | White       | C        |
| 39122 0095000 | White       | C Z      |
| 39122 004100  | Yellow      | C        |
| 39122 0041000 | Yellow      | C        |
| 39122 0045000 | Yellow      | C Z      |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

|           |  |
|-----------|--|
| Footnote: | Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |
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