



**Part Number:** 39122

Lead Wire, #22 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

 [Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PPO Insulation, AWM 11028 600V 105C VW-1

**Technical Specifications**

**Product Overview**

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

**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
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**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, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
39122 010100	Black	612825150077	100 ft	C
39122 0101000	Black	612825150084	1,000 ft	
39122 0105000	Black	612825150091	5,000 ft	C Z
39122 013100	Blue, Dark	612825150107	100 ft	C
39122 0131000	Blue, Dark	612825150114	1,000 ft	C
39122 0135000	Blue, Dark	612825150121	5,000 ft	C Z
39122 001100	Brown	612825149835	100 ft	C
39122 0011000	Brown	612825149842	1,000 ft	C
39122 0015000	Brown	612825149859	5,000 ft	C Z
39122 008100	Gray	612825150015	100 ft	C
39122 0081000	Gray	612825150022	1,000 ft	C
39122 0085000	Gray	612825150039	5,000 ft	C Z
39122 005100	Green, Dark	612825149958	100 ft	C
39122 0051000	Green, Dark	612825149965	1,000 ft	C
39122 0055000	Green, Dark	612825149972	5,000 ft	C Z
39122 003100	Orange	612825149897	100 ft	C
39122 0031000	Orange	612825149903	1,000 ft	C
39122 0035000	Orange	612825149910	5,000 ft	C Z
39122 002100	Red	612825149866	100 ft	C
39122 0021000	Red	612825149873	1,000 ft	C
39122 0025000	Red	612825149880	5,000 ft	C Z
39122 007100	Violet	612825149989	100 ft	C
39122 0071000	Violet	612825149996	1,000 ft	
39122 0075000	Violet	612825150008	5,000 ft	C Z
39122 009100	White	612825150046	100 ft	C
39122 0091000	White	612825150053	1,000 ft	C
39122 0095000	White	612825150060	5,000 ft	C Z
39122 004100	Yellow	612825149927	100 ft	C
39122 0041000	Yellow	612825149934	1,000 ft	C
39122 0045000	Yellow	612825149941	5,000 ft	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.

## Product Notes

Notes:	Halogen-free.
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## History

Update and Revision:	Revision Number: 0.282 Revision Date: 07-11-2019
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