



**Part Number:** 39112

Lead Wire, #12 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 12AWG (65x30) 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
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.111 in	0.012 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
1.5 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51.0 A

**Voltage**

UL Voltage Rating
600 V

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	21.3 lbs/1000ft
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**Standards**

UL AWM Style:	AWM 11028
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Military Specification:	N/A
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## 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
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
39112 010100	Black	612825148456	100 ft	C
39112 0101000	Black	612825148463	1,000 ft	C
39112 0105000	Black	612825148470	5,000 ft	C Z
39112 013100	Blue, Dark	612825148487	100 ft	C
39112 0131000	Blue, Dark	612825148494	1,000 ft	C
39112 0135000	Blue, Dark	612825148500	5,000 ft	C Z
39112 0011000	Brown	612825148227	1,000 ft	
39112 0015000	Brown	612825148234	5,000 ft	C Z
39112 008100	Gray	612825148395	100 ft	C
39112 0085000	Gray	612825148418	5,000 ft	C Z
39112 005100	Green, Dark	612825148333	100 ft	C
39112 0051000	Green, Dark	612825148340	1,000 ft	C
39112 0055000	Green, Dark	612825148357	5,000 ft	C Z
39112 189100	Green, Yellow Stripe	612825148517	100 ft	C
39112 1891000	Green, Yellow Stripe	612825148524	1,000 ft	C
39112 1895000	Green, Yellow Stripe	612825148531	5,000 ft	C Z
39112 003100	Orange	612825148272	100 ft	C
39112 0031000	Orange	612825148289	1,000 ft	C
39112 0035000	Orange	612825148296	5,000 ft	C Z
39112 002100	Red	612825148241	100 ft	C
39112 0021000	Red	612825148258	1,000 ft	C
39112 0025000	Red	612825148265	5,000 ft	C Z
39112 0075000	Violet	612825148388	5,000 ft	C Z
39112 009100	White	612825148425	100 ft	C
39112 0091000	White	612825148432	1,000 ft	C
39112 0095000	White	612825148449	5,000 ft	C Z
39112 0045000	Yellow	612825148326	5,000 ft	C Z

Footnote:	C - CRATE REEL PUT-UP.
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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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## Product Notes

Notes:	Halogen-free.
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## History

Update and Revision:	Revision Number: 0.281 Revision Date: 08-22-2019
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