



Product: [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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1

Conductor Count: 1

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

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
MIL 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
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.
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: 0.283 Revision Date: 04-02-2020
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