



Product: [39114](#)

Lead Wire, #14 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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
14	41x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.097 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.35 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	39.0 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:	14 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
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
39114 010100	Black	612825148784	100 ft	C
39114 0101000	Black	612825148791	1,000 ft	C
39114 0105000	Black	612825148807	5,000 ft	C Z
39114 013100	Blue, Dark	612825148814	100 ft	C
39114 0131000	Blue, Dark	612825148821	1,000 ft	C
39114 0135000	Blue, Dark	612825148838	5,000 ft	C Z
39114 001100	Brown	612825148548	100 ft	C
39114 0011000	Brown	612825148555	1,000 ft	C
39114 0015000	Brown	612825148562	5,000 ft	C Z
39114 008100	Gray	612825148722	100 ft	C
39114 0085000	Gray	612825148746	5,000 ft	C Z
39114 005100	Green, Dark	612825148661	100 ft	C
39114 0051000	Green, Dark	612825148678	1,000 ft	C
39114 0055000	Green, Dark	612825148685	5,000 ft	C Z
39114 189100	Green, Yellow Stripe	612825148845	100 ft	C
39114 1891000	Green, Yellow Stripe	612825148852	1,000 ft	C
39114 1895000	Green, Yellow Stripe	612825148869	5,000 ft	C Z
39114 003100	Orange	612825148609	100 ft	C
39114 0035000	Orange	612825148623	5,000 ft	C Z
39114 002100	Red	612825148579	100 ft	C
39114 0021000	Red	612825148586	1,000 ft	C
39114 0025000	Red	612825148593	5,000 ft	C Z
39114 0075000	Violet	612825148715	5,000 ft	C Z
39114 009100	White	612825148753	100 ft	C
39114 0091000	White	612825148760	1,000 ft	C
39114 0095000	White	612825148777	5,000 ft	C Z
39114 004100	Yellow	612825148630	100 ft	C
39114 0045000	Yellow	612825148654	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

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